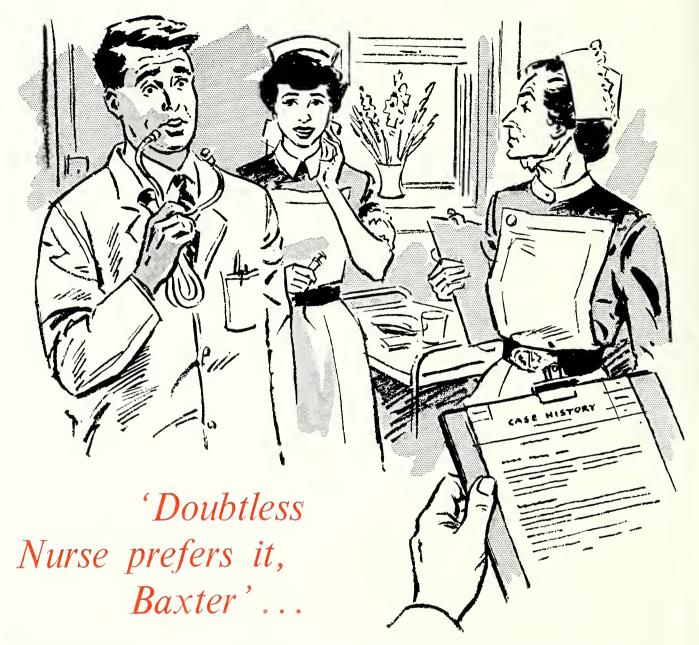
CHEMISTAND DRUGGIST

For Retailer, Wholesaler and Manufacturer

JUNE 17 1961



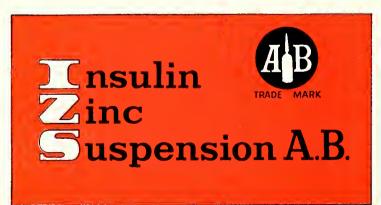


but, perhaps, what is more important, so does the physician . . . and the patient, too. I.Z.S. is preferable in most cases from all points of view. A single injection to give 24-hour control in your diabetics is a great advantage in itself. But when this is obtained independently of any modifying protein, you have also virtually eliminated the risk of allergic reactions. That is why you will find that I.Z.S. Lente is so suitable for 90 per cent. of diabetic patients . . . And on this firm we prefer I.Z.S.A.B. . . don't we, Sister?

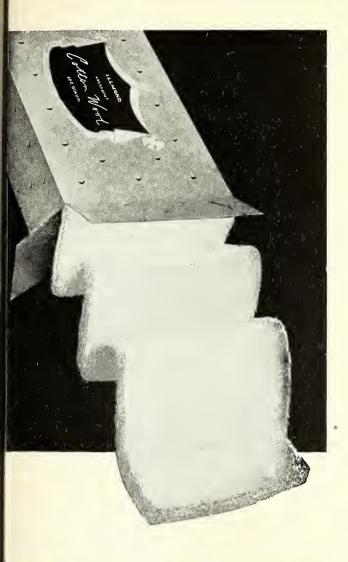
I.Z.S. (Lente) A.B. Vials of 10 c.c. 40 or 80 units per c.c.

I.Z.S. (Semi-lente) A.B. Vials of 10 c.c. 40 or 80 units per c.c.

I.Z.S. (Ultra-lente) A.B. Vials of 10 c.c. 40 or 80 units per c.c.



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THE CHEMIST AND DRUGGIST

ESTABLISHED 1859

The weekly newspaper for pharmacy and all sections of the drug, pharmaceutical and fine chemical, cosmetic, and allied industries

Official organ of the Pharmaceutical Society of Ireland and the Pharmaceutical Society of Northern Ireland

Volume 175

June 17, 1961

No. 4244

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QUOTING MR. REES...

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Volume 175

JUNE 17, 1961

No. 4244

Therapeutic Substances

MORE PREPARATIONS TO BE CONTROLLED

HE Therapeutic Substances (Control of Sale and Supply) Regulations, 961 (H.M. Stationery Office, price threepence) which come into opera-on on July 3, brings a number of substances under Part II of the

herapeutic Substances Act, 1956. That part of the Act requires that he sale or supply of the substances to the public must be under the authority of an appropriate precription. The substances to be conolled are:-

Amphotericins, the antimicrobial substances proaced by a strain of a Streptomyces species re-rred to as Streptomyces nodosus, and any salts amphoterieins (Fungizone).

Demethylchlortetracycline and any salts thereof edermycin).

Framycetin, an antimicrobial substance produced a strain of a *Streptomyces* species referred as *Streptomyces decaris*, and any salts of amycetin (Enterfram, Framygen, Soframycin, ofra-tulle, Trillets).

Kanamycin, an antimicrobial substance pro-

leed by a strain of a Streptomyces species re-rred to as Streptomyces kanamyceticus, and any lts of kanamycin (Kannasyn).

Ristocetins, the antimicrobial substances pro-aced by a strain of a *Nocardia* species referred as Nocardía lurida, and any salts of ristocetins liston, Spontin).

Vancomycin, an antimicrobial substance pro-aced by Streptomyces orientalis, and any salts vancomycin (Vancocin).

Esters of erythromycin. (Ilosone.)

Any substance the chemical and biological operties of which are identical with or similar any of the substances, esters or salts but which produced by any other means.

Medicine Exports

ASSOCIATION'S PRACTICAL PLAN

XPORTS of British proprietary medines reached a new record of just over 13 millions in the year ended March 1, according to the annual report of the Proprietary Association of Great ritain. The report also reveals that the ssociation is working out, in response of the Prime Minister's appeal, new and reactical ways by which members can be concrete to appear to These can be concrete to appear to These can be concrete to the same to the concrete to the same to the can be concrete to the same to the can be concrete to the same to the can be concrete to the can be concr o-operate to expand exports. These in-ude: The formation of a team of experts covering almost every market to the free world whose advice will be vailable on a person-to-person basis members with export problems to hich adequate answers are not availble from other sources; the possibility f firms sharing the services, on a mu-lally agreed basis, of an executive isiting overseas territories; and a sys-m of confidential liaison by which lembers needing manufacturing or larketing assistance in specified coun-ies can be put in touch with other embers who have such facilities to embers who have such facilities to

offer. Information from members about the most receptive markets for proprietary remedies, about those where local manufacture or packaging was advisable, and about the product groups which were best sellers in those mar-kets had already been collated and circulated to members. In the report the hope was expressed that the new approach to exports will result in the industry making a fast-growing contribution to the nation's overseas trade.

Statutory Committee

A NAME TO BE REMOVED FROM REGISTER

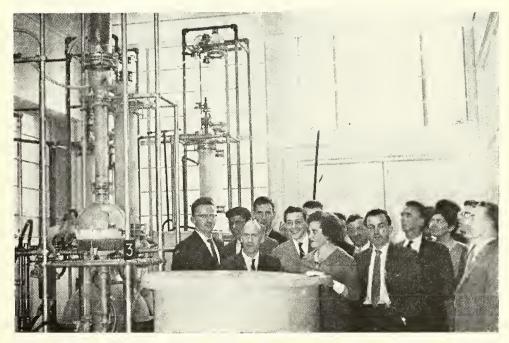
THE Statutory Committee has directed that the name of Leslie Wolforth, Pope's Lane, West Ealing, Middlesex, shall be removed from the Register of pharmaceutical chemists. At the inquiry on June 7. Mr. R. F. Greenwood Ormrod, Q.C. (chairman), announced that the Committee was unable to find any extenuating circumstances that would justify taking a lenient course. Mr. Wolforth had been convicted in the Uxbridge magistrates' court, Mid-

dlesex, of having received, between January 1, 1960, and March 31, 1961, drugs to the value of £3,500, knowing them to have been stolen. For that offence he had been sentenced to six months' imprisonment and fined £100. The pharmacist, accompanied by Mr. M. Gettleson, counsel, was present at the inquiry. Mr. A. C. Castle (solicitor to the Pharmaceutical Society) appeared in order to place the facts be-fore the Committee. The chairman stated that the pharmacist had three months in which to appeal.

Drug Industry Defended

A PROFESSOR AND THE DRUG BILL

"COMPARED with the other prob-lems facing the Health Service there can be little doubt that the question of drug costs has been grossly over-emphasised. Apart from their own re-search, the drug houses had an ex-tremely good record of financial assistance to university and hospital re-search," said Professor Ian Bush, Bowman Professor of Physiology, Birmingham University, at the opening of the Birmingham Medical Exhibition on June 12. Much of the drug bill was made up of standard dressings and assential preparations that were used in essential preparations that were used in large quantities. "It is hard to see how the Government hopes to encourage initiative and private enterprise when a new and progressive industry is subjected to the pressures endured by the



STUDENTS VISIT FACTORY: A group of forty students of the Irish College of Pharmacy, led by Dr. R. Timoney (dean of the College) visited the laboratories of Antigen, Ltd., Roscrea, co. Tipperary, on May 31. The illustration shows some students with Professor C. O'Connor (extreme right) viewing one of the distillation plants.

drug houses in the last six months." He referred to the Minister of Health's decision to use the Patent Act in order to obtain drugs from unlicensed manufacturers and pointed out that the drugs concerned made up about £1 million of the hospital drug bill. He admitted that some companies made large profits by patenting trivial modifications of existing drugs, but "it seems to me quite unjustified to emphasise this fact while paying only lip-service to the enormous contribution to medical research and practice" that was made by the majority of large firms.

IRISH NEWS

THE NORTH

Ulster Chemists

MONTHLY MEETING OF EXECUTIVE

THE June meeting of the Executive Committee was held in Belfast on June 6, with Mr. W. J. Moffett (president) in the chair. Before commencing the business of the meeting the president referred to the loss to the Committee by the sudden death of Mr. A. Steede. Mr. Steede had been a member of the Committee for many years and had held the office of president in 1937. He would be greatly missed, said Mr. Moffett, not only by those at the monthly meetings, where his experience, kindly manner and quiet humour were valued, but by his many friends throughout pharmacy and in the Golfing Association. A vote of sympathy was passed to Mr. Steede's widow and family. Various trade matters were discussed, and in connection with the new Ulster Chemists' Association List, the secretary reported that considerable space had been taken up for advertisements, which was encouraging and the co-operation of the manufacturers was highly appreciated. A report was received from the sub-committee appointed to make arrangements for the proposed week-end conference, which stated that the original date suggested, September had to be reviewed, as it was unsuitable and also conflicted with the Pharmaceutical Conference at Portsmouth. It was decided to fix the date for October 6-8 inclusive concluding with the dinner and dance in Belfast on October 10 to cclebrate the diamond jubilee of the Association. was received from the Pharmaceutical Society of Northern Ireland acknowledging a cheque for £22 towards the Northern Ireland Chemists' Benevolent Fund, the proceeds of the recent whist drive. The following were elected to membership: Cooper Chemists, 167 Oldpark Road, Belfast, 14 (successors to Mr. W. J. McKee); Mr. J. F. Sharkey, 78 Ravenswood Park, Belfast, 5; Miss S. K. Lobban, 54 Upper Newtownards Road, Belfast, 4.

THE REPUBLIC

College of Pharmacy

STUDENTS VISIT ROSCREA LABORATORIES FORTY final year students of the Irish College of Pharmacy led by Dr. R. Timoney (dean of the College) and accompanied also by Miss A. Esmonde and Mr. C. O'Conor of the College staff visited Antigen Ltd., Roscrea, co. Tipperary, on May 31. The students in-

spected the departments that produce tablets, injections and galenicals and showed particular interest in the sterile products unit and the laboratory where the company's raw material, production and final product control methods were described and demonstrated by the analytical staff. During the afternoon the students visited the nearby Cistercian Abbey at Mount St. Joseph and the Fanure trout farm, Later in the evening the pharmacists and chemists on Antigen's production and laboratory control staff formed a quiz panel to answer a number and variety of questions put by the students. Commenting on the excursion one of the students said "Such visits go a long way towards making reality out of the text-

IRISH BREVITIES

THE REPUBLIC

Over eighty guests attended a reception and cabaret given by Antigen, Ltd., in Dublin, on June 5 to members of the Dusseldorf branch of the German Doctors' Association. The guests were welcomed by the president of the Irish Medical Association (Dr. John Mowbray). Also present was Mr. G. F. Fasenfeld (managing director of Antigen, Ltd.).

OVERSEAS NEWS

UNITED STATES

Business Failures Increase

At the opening of 1961 bankruptcies among drug stores in the United States were running 36 per cent. ahead of 1960. All industry and trade groups had failures in excess of the 1960 levels, with the sharpest increase being among wholesalers and retailers.

PHILIPPINES

Medicines in Rural Areas

A FUND of 2,284,000 pesos for purchase of medicines for use in rural areas in the Philippines this year has been voted by the House of Representatives. The money measure would entrust the distribution of medicines to some 1,280 rural health units scattered all over the country. Each unit would be allocated 1.800 pesos a year, exclusively for the purchase of medicines.

AUSTRALIA

Serum Laboratories Bill

A BILL establishing a commission of five members to administer the Australian Government Serum Laboratories in Melbourne was passed on May 18. During debates in the House of Representatives and the Senate, the Opposition claimed that research would be impeded under a commission consisting mainly of men with business and financial experience. The Customs Minister (Senator Henty), said the labora-tories were now a business with an annual turnover of £A 2 millions, and had grown beyond the capacity of one man. They needed the experience of men in all fields. The Bill was passed with one amendment combining Government and Opposition proposals forbidding any of the new commissioners from having an interest in a commercial drug house.

NEWS IN BRIEF

NET pharmacy sales of Walsall and District Co-operative Chemists, Ltd., were £85,235 for the half-year ended March 13.

THE Minister of Labour (Mr. John Hare) opened the Poyle Industrial Health Clinic at Colnbrook, Slough, Bucks, recently.

THE National Union of Students has issued a report stating that safety precautions in some teaching laboratories fall short of those in industry.

THE second report of the W.H.O. Expert Committee on bilharziasis (H.M. Stationery Office, price 3s. 6d.) deals with molluscicides.

DR. Abadallah Omar Abu Shamma (deputy director of the Sudan Ministry of Health) was on May 29 elected chairman of the World Health Organisation's executive board.

THE Royal Institute of Chemistry has recently published a new edition of the Register that contains the names and addresses of its 14,896 Fellows and Associates and 753 Graduate members.

ORAL polio vaccine produced by the Wellcome Foundation, Ltd. (Burroughs Wellcome and Company) was approved by the Ministry of Health on May 16 for sale throughout the world.

A PETITION demanding a dispensing chemist for Broomhill, near Bristol, and signed by nearly 1,000 residents of the area, was presented on June 5 to the local Housing Committee.

PROVISIONAL Board of Trade figures indicate that, after allowing for seasonal factors, the index of the value of retail sales was 114 compared with 115 in both March and April (1957 = 100).

THE Italian pharmaceutical firm, Lepetit, S.p.A. of Milan, recently sent a gift of antibiotics and other drugs to Fr. Bernard Druetto, O.F.M., a missionary priest on the Chinese Nationalist island of Quemoy.

THIRTY-FIVE pharmacists from California are to visit London and Stratford-on-Avon, June 22–25. The visit is part of a continental tour under the sponsorship of the University of the Pacific School of Pharmacy.

A REVISED specification (B.S. 2881: 1961) for metal and wood hospital cupboards (wall fixing) for poisons and dangerous drugs, has been issued by the British Standards Institute, 2 Park Street, London, W.1 (price 7s. 6d.).

OPENING a new chest clinic in Wandsworth, London, on May 9, the Minister of Health (Mr. E. Powell) said that according to provisional figures the number of new cases of tuberculosis notified during 1960 was over 14 per cent, fewer than in 1959.

DURING Commonwealth Technical Training Week senior pupils from ten local schools visited the Sandwich plant of Pfizer, Ltd., and saw in the laboratories and fermentation plant processes they had previously seen in close-up in a colour film.

An agreement providing for collaboration on the peaceful uses of Atomic Energy between the U.S.S.R. State Committee of the Council of Ministers for the Utilisation of Atomic

nergy and the United Kingdom tomic Energy Authority was signed

cently.

"PHARMACY," one of Glasgow's oldst-established shopkeepers' teams, was nocked out of the McKendrick mateur cup-tie on May 23 without a pal being scored or a ball being icked when their equipment failed to rive for the game at Keppoch Park, lasgow.

Foreign members of the Royal Solety elected recently include Profesor E. V. McCollum (professor meritus of biochemistry, Johns Hopins University, Baltimore, U.S.A.) and cademician A. N. Nesmeyanov (presient of the Academy of Sciences of the U.S.S.R., Moscow).

THE Minister for Science (Lord Hailman) has appointed Sir Harold Roxee Cox as chairman of the Council or Scientific and Industrial Research or five years from October 1. Sir Harld, who was a pioneer on jet propulon, will succeed Sir Harry Jephcott, ho has been chairman of the council nce its formation in 1956.

THE Middlesex Pharmaceutical Comnittee held a dinner on May 31 in conour of Mr. J. E. Goodall, who reently completed thirty years' membernip of the Committee. Among the uests were Messrs. G. Madden (Clerk of the Executive Council), B. Smith inance officer) and G. Weiss and E. atcliffe (past-chairman). Mr. B.

THE Ministry of Agriculture, Fishries and Food has published two leafits about the correct way to use chemial sprays. The leaflet "Do's and Don'ts or users of sprays" is accompanied by wall card for the special attention of gricultural workers. The "Code of ractice for Ground Spraying" gives retailed advice on the use and mainmance of spraying machines, correct all practice and ways to overcome the azards associated with the use of temicals.

THE Wellcome Trust has given 100,000 to establish and endow a oyal Society professorship in Medical escarch to be known as The Henry ale professorship. The Wellcome ustees wished to commemorate the inque services of Sir Henry Dale, O.M., B.E., F.R.S., to their trust as its airman for twenty-two years as well is his outstanding contributions to scince and medicine in a wider context. The Royal Society states the appointments to the new professorship will be specially, but not necessarily excluvely, in relation to research in physicogy and pharmacology which are the articular interests of Sir Henry Dale, the announcement was made on Sir enry Dale's eighty-sixth birthday.

PORT

Golf.—ULSTER CHEMISTS' GOLFING ASSOCIA-ON. McMullan Cup Competition was played Holywood golf club, on June 7. Results: 1, Balmer (37 points); 2, J. Kennedy (37 points); C. Connolly (37 points), McCutcheon Trophy, D. McClements (34 points); 2, D. Coffey (33 points); 3, M. Millar (33 points). A tribute was did to the memory of the late Mr. A. Steede former captain of the Association) by the ptain, Mr. J. N. Hogg, and the president, Mr. V. J. Rankin.

TOPICAL REFLECTIONS

By Xrayser

Unanimous

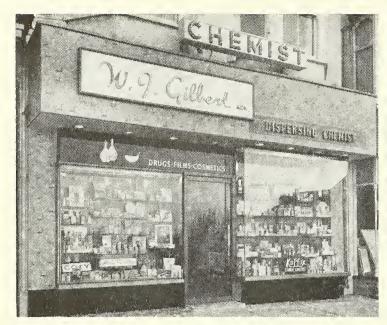
That most agreeable, placid, co-operative, obliging, uncomplaining, longsuffering, docile and hard-working pillar of British society—the contractor pharmacist who provides the public with its medicine—has been tried too far. The procrastination of the "other side," which has produced a growing sense of frustration in the ranks has, in the past two or three months, had added to it the inept handling of the additional levy on prescriptions. And while the wound was still raw, the opportunity was taken to treat it with a tribasic salt compounded of reduced profit margin, reduced percentage rate of oncost, and a differential rate of oncost allowance. It is not surprising, therefore, that a meeting of Pharmaceutical Committee representatives should have reacted (p. 587) in what the Ministry of Health may consider a violent manner, accustomed as they have been to conciliation. The demands presented by the meeting for urgent transmission to the Ministry have the unanimous backing of those who were present, and they may take it that those whom they represent are equally unanimous. There is a lack of consistency in the attitude of the Minister towards events. He is reported to have agreed that, so far as the negotiations on remuneration were concerned, there was a case for waiting until the effects of the increased levy could be assessed, but he could not agree that six months was a necessary period. It was considered by the Ministry that three months would be sufficient. Yet the Minister, in discussing questions of the effect on the public of the levy as shown by the reduced volume of dispensing, said to the House on June 5 "One cannot take individual months without regard to the circumstances and certainly nothing less than the experience round the whole year can disclose any trends which are capable of being interpreted in that way." Such inconsistency might turn frustrated people into cynics. Mr. Powell ought to be a little more careful in his pronouncements.

Public relations

There is nothing more ardently desired in pharmacy, as evidenced by branch representatives at recent meetings, than better public relations. There has been a feeling for some considerable time that references to pharmacy in the lay Press have left a good deal to be desired. Yet, when the opportunity for informed comment arose in connection with the decision of St. Thomas's Hospital to suspend dispensing for out-patients (Leaders, p. 599) the result was about as bad at it could be. The newspaper which published the report is not one against which any charge of sensationalism can fairly be levelled, yet the resulting article could not do other than harm pharmacy as a whole. One is left with the feeling that the hospital pharmacists who were interviewed were either extremely unguarded in their statements or are obsessed with a sense of superiority over the pharmacist who carries out his duties in a shop rather than in a hospital. One hesitates to put the latter interpretation on the reported remarks. As reported in *The Times*, the views of the representatives of hospital pharmacy were, to say the least, unhelpful.

Closure

The heading of this paragraph has nothing to do with Mr. Richie Benaud, or his declaration at Edgbaston on June 10. It is the modern description of the object that enables a bottle of medicine to be taken home in the pocket instead of being carried openly with a finger over the top. I read the letter (p. 598) of a correspondent who expresses incredulity that corks should still be used in bottles, when, as the writer himself says, plastic caps are available. The cap looks smart, and if one is concerned only with the "finish" when the bottle leaves the pharmacy, it seems the answer. But in use, when the customer has to shake a greasy or sticky fluid, some remains inside the cap and runs down the outside of the bottle when the cap is replaced. If I were to be consulted with a view to modernising a pharmacy in Sunderland or elsewhere, I should still suggest the use of that relic of a bygone age—the cork.





A Pharmacy with Three Dispensaries

NEWQUAY PREMISES MODERNISED "WITHOUT BECOMING A STORE"

TO meet changing conditions Mr. W. J. Gilbert, M.P.S., 8 East Street, Newquay, decided that his old-established business needed a modern and up-to-date layout and called in Rudduck & Co. (Shopfitters), Ltd., 226 Old Street, London, E.C.1, to design and install a new shopfront and interior.

The new shopfront has a central armour-plate door, and the right-hand window is set forward about 12 in., the left-hand window being in the same line as the entrance door. The windows were framed in bronze sections, and the door frames in matching sections in rebated bronze.

Stallrisers 18 in. high in toughened black armour-plate glass incorporate, within the right-hand riser and adjacent to the door, a large bronze letter-box. Above the left-hand window and entrance door is a black armour-plate transome on which are depicted a pestle and mortar and carboys, and the legend (sandblasted, infilled white): DRUGS—FILMS—COSMETICS.

The facia was constructed to form a soffit above the windows, overhanging the main frontage sufficiently to accommodate eight bullseye spotlights. The spotlights each carry 150-watt tungsten lamps and are fitted with bronze rims and louvred grills, giving a general light to the whole of the frontage. Facia facing and pilasters are in Milano ceramic mosaic with blending colour schemes. Within the facia is an illuminated sign with bronze casing and main area of opal perspex. That in turn is fitted with bronze letters in script reading "W. J. Gilbert, M.P.S." The sign is illuminated with cold-cathode tube, burning white. The lower right-hand end of the facia is finished in ceramic mosaics of darker shade carrying the words "dispensing chemist" in bronze letters.

The window backs have framed enclosures, the right-hand in obscured glass and the left-hand in clear polished plate. Both have sliding sashes running on bronze ball-bearing track for easy operation. The clear glazing to the left-

hand window allows full view of a new perfumery department, and the obscured glazing to the right-hand window provides a measure of privacy for the drugs and surgical-appliance department.

The lobby forecourt is finished in multi-coloured marble crazy paving. Embedded at the centre in front of the entrance is a figure 8 in ceramic mosaics.

In the perfumery department the wall fittings are in hardwood finished in a pastel shade of pink. A storage unit occupies the lower part to a height of 3 ft. It ends in a black ebonised plinth and is fitted with pot board and interior shelving and enclosed with slid-



A corner of the front shop showing entrance to a dispensary at higher level.

ing doors. Above, the door section is slightly shallower and has sliding door fitted with brilliant cut finger pulls and operating on ball-bearing rollers. The glass shelves are adjustable, and the backs of the upper section are finished in a black grained vynide. An over-hanging pelmet houses fluorescent tubes. Above it are storage cupboards to ceiling height fitted internally, and enclosed with laminated sliding doors in pink to match the other decorations.

The cosmetic counter units comprise two 6-ft, counters with display areas in each for showing the merchandise and fitted with drawers and lockers. The counter faces are in pink laminated plastic and the tops of the counters, where solid, are in grey linette laminate. Each counter has a black plinth upon 6-in. black ebonised legs, with satin brass feet. Display areas of the counters are enclosed at the back with glass sliding doors operating on "chasmood" runners, and the display area is glazed in \(\frac{1}{4}\)-in, polished glass and illuminated with fluorescent tubes.

The counter units to the drug section are of polished hardwood with grey linette laminate tops. Each has a 6-in. display front enclosed with sliding glass doors and fitted with adjustable glass shelves. At the back are drawers and locker spaces. The tops of the counters are fitted with self-selection trays, cash register and glass display units.

The floor is in \(\frac{1}{4}\)-in, rubber in a pattern of light pastel and darker shades, and the ceiling and upper cupboard units are in matching pastel shades. Window lighting is by fluorescent tubes in plastic egg cratings. General shop lighting is by tubes under long tubular opal shades on satin brass suspension rods.

There is easy access to the higherlevel dispensary and, at the left of the shop, easy access also to the two rear dispensaries and upper stock rooms.

dispensaries and upper stock rooms.

Messrs. Rudduck's technical representative responsible for the contract was Mr. A. J. Guy.

IN PARLIAMENT

By a Member of the Press Gallery, House of Commons

R. F. NOEL BAKER asked the Presint of the Board of Trade on June 8, number of questions concerning the quiry into resale price maintenance. R. REGINALD MAUDLING in his replies ated that although the inquiry into sale price maintenance was well adnoed it was not complete; and he uld not say when he would be able make a statement. He thought that decision should be reached quickly, it he had been more and more imessed by the complexity of the arguent and wished to get all possible formation before reaching a decision.

accination Certificates

During an adjournment debate on the 8, Mr. R. W. Sorensen raised be question of charges that were made a medical practitioners for certifying they had vaccinated or inoculated a atient and he specially referred to the crificates of inoculation or vaccination demanded by certain overseas countries. During her reply MISS EDITH ITT (Parliamentary Secretary, Ministry of Health) stated that the doctor was not required to provide such certificates under the terms of the National fealth Service. The issue of such certificates must be regarded as being for the private convenience of the patient.

onsumer Protection Bill

The Consumer Protection Bill was ead a third time on June 9.

losing of Out-patient Dispensary

Questioned by SIR HUGH LINSTEAD n June 12 about the closing of the ut-patient dispensary in the pharma-eutical department of St. Thomas's Iospital, London, MR. POWELL stated nat the difficulty arose because several f the dispensary staff left simultane-usly. SIR HUGH suggested it was an xample of the tendency of the hosital pharmaceutical service of which ne Minister had had warning. Could e give any indication of any action eing taken to improve the conditions o as to prevent the drift away from the service. MR. POWELL replied that uring the last year or so the number f hospital pharmacists had increased harply. Experiences elsewhere suggesed that the difficulties that had arisen t St. Thomas's were quite exceptional. IR. J. W. Snow suggested there might e a possibility that the provision being nade in schools of pharmacy was not dequate for the developing situation. IR. K. ROBINSON asked if the difficules were peculiar to the London area. lis information was that St. Thomas's vas not the only teaching hospital exeriencing difficulties. In the ordinary vay teaching hospitals found it easier or recruit staff than did regional board cospitals. MR. POWELL admitted there were special factors operating in the London area, but St. Thomas's was the only hospital that a month ago had ound itself confronted with the acute and quite special problem. MR. HAROLD nd quite special problem. Mr. HAROLD DAVIES asked the Minister of Health he was aware that, because of the inderpayment of hospital pharmacists, here was a scarcity of hospital pharmacists, and hospitals were tending to stop dispensing prescriptions for outpatients, with the result that the items were often more expensive for the patient and often not so satisfactory; and, . . . if he would review the pay of hospital pharmacists in order to make this service efficient. MR. POWELL, in a written answer on June 12 stated, "A small proportion of the prescriptions given to hospital out-patients are dispensed by retail pharmacists; there is no difference in the charge to patients, or in quality. A claim for increased salaries for hospital pharmacists is now before the Whitley Council."

Central Purchasing of Drugs

MR. K. ROBINSON asked the Minister of Health on June 12 why he had instructed hospital authorities to discontinue the purchase of all patented drugs from unlicensed sources, in view of the fact that he proposed to invite tenders centrally for only three groups of such drugs. Mr. Powell replied that it was better that the procedure should be applied centrally. Mr. Robinson: "Do I take it that it is the Minister's intention to invite tenders for all the drugs which some individual hospital authorities have been buying from continental sources in the past?
MR. POWELL: "I have not limited my action to the three drugs for which I have called for tenders. Wherever I see reason to think the procedure will be appropriate I shall consider its application." Answering a supplementary question MR. POWELL later said that in the Government's view it was the only appropriate way in which goods could bought from unlicensed sources. Whenever it was brought to his attention that there was a case for applying Section 46 he would consider it, with-out prejudice. Dr. B. Stross asked "Is the Minister aware that, of course, his method of buying drugs from unlicensed sources will give justice to the patent holders for it assures them that they receive their royalties, and that it is a proper thing to do; but will he say why he included in the first three groups the drug called hydrochlorothiazide which has not yet been patented?" MR. POWELL: "Because it belongs to the same group as another drug which it was desired to cover, and it was it was desired to cover, and thought proper to call for tenders for both at the same time.

Television Advertisements

MR. G. DARLING asked the Minister of Health on June 12 whether, following the report of the Inter-departmental Committee on Drug Addiction, he would make representations to the Independent Television Authority regarding the need to ensure that false claims were not made for drugs advertised on television, MR. POWELL said that he understood that drugs of the type referred to in the report were not advertised on television. Any question of restrictions on television must be addressed to the Post Master General, but he pointed out that the Food and Drugs Act prohibited false or mislead-

ing descriptions of drugs in advertisements.

Soberettes

MISS E. PITT told Mr. GRESHAM COOKE on June 12 that the Minister of Health would not refer Soberettes to the Poisons Board for advice as to whether the product should be restricted and issued only on a doctor's prescription. MISS PITT said that there was no evidence to suggest that the tablets were medically harmful. SIR HUGH LINSTEAD asked whether Miss Pitt had seen the advertisements and would she agree that what they did was to encourage the taking of alcohol be-fore driving? In the circumstances whether the tablets were technically poisonous or not, was it not important to have an objective assessment of their value and possible danger? What could be done about it by the Minister? MISS PITT said she had seen the publicity. The question of the effect of taking the pills in relation to driving or not was not one for her Department to answer.

N.H.S. Prescription Charges

SIR B. JANNER asked the Minister of Health whether he was aware that since the introduction of the recently increased prescription charges, a large number of prescriptions issued by doctors had not been used by patients and that there had been a substantial decrease in the number of prescribed medicines supplied; and whether he would reconsider his previous decision by adopting the proposals to remove the charges in accordance with the advice of the National Health Service for Leicester and other Executive Councils. Mr. Powell in a written answer on June 12 replied, "No."

Hypomagnesaemia

MR. CHRISTOPHER SOAMES (Minister of Agriculture) informed MR. F. V. CORFIELD that the incidence of hypomagnesaemia had increased since the 1939-45 war, but the disease was thought to be due not only to a simple dietary deficiency but also to a physiological dysfunction in the animal. Preventive measures were set out in Animal Health Leaflet 43.

Hospital Building Programme

Replying to Mr. H. J. BOYDEN in a written answer on June 12, Mr. R. THOMPSON (Parliamentary Secretary, Ministry of Works) stated that the hospital building programme took approximately one per cent, of the capacity of the building and engineering industries during the year ended March 1961. The capacity of the industries and the hospital building programme were both expected to rise during the next four years and the percentage was unlikely to change appreciably.

Poliomyelitis Vaccine

MR. E. POWELL stated in a written answer on June 13 that the overall acceptance rate for the poliomyelitis vaccination of children was 77 per cent, in England and Wales.

COMPANY NEWS

Last year's figures in parentheses

JEYES' SANITARY COMPOUNDS CO., LTD.—Mr. T. R. Auchincloss, B.Sc., F.R.I.C., has been appointed a director.

SMITH & NEPHEW ASSOCIATED COMPANIES, LTD. — The board is proposing to make a "rights" issue of 6,096,218 Ordinary shares of 4s. each at 10s, per share in the proportion of one new share for every five held.

INTERNATIONAL BOTTLE CO., LTD.—Mr. L. G. Reading has been appointed managing director in succession to Mr. G. A. Broadbent, who is remaining on the board of the company.

COURTAULDS, LTD.—Group profit for year ended March 31 was £18·7 millions (against £21 millions) and net profit, after tax, was £10·5 millions (£11·8 millions). Ordinary dividend recommended is 10 per cent. (9³/8 per cent.).

HORLICKS, LTD. — The company has stepped up its offer for the Ordinary stock of Burt, Boulton & Haywood, Ltd., by an amount which is the equivalent of almost 5s, per Burt Boulton Ordinary share. — The capital of the company is to be increased from £1,500,000 to £2 millions.

WELLCOME FOUNDATION, LTD.—The issued share capital is being advanced from £3 millions to £10 millions by capitalising reserves and issuing additional shares to the Wellcome Trustees. Recently Lord Piercy (chairman of the trustees) announced that today the trustees were working to a budget of £800,000 a year.

BRITISH OXYGEN CO., LTD. — An interim dividend is announced of 4 per cent. (compared with 6 per cent. interim for the year to September 1960 on capital since increased by a one-for-two scrip issue). Turnover for the

half year to March 31 has increased to £30,650,000 (£29,500,000 for the first half of the previous year).

P. P. PAYNE & SONS, LTD.—The directors announce that of the 268,800 Ordinary shares of 5s, each offered to Ordinary shareholders at 14s, per share, 263,100 shares were taken up. The remaining 5,700 shares have been sold for the benefit of those shareholders who did not accept their provisional allotment

HODDERS, LTD.—A scrip issue of one-for-one is proposed together with an increased final dividend. By a final of $22\frac{1}{2}$ per cent., the total payment for the year ended March 31 is raised to $32\frac{1}{2}$ per cent. (30 per cent.). Group profit was £81,627, after tax of £85,770. There was a surplus on the revaluation of fixed assets of £155,223.

BORAX (Holdings), LTD. — The company announce that their wholly-owned subsidiary, Hardman & Holden, Ltd., has acquired the whole of the issued share capital of J. M. Beckett & Son, Ltd., pigment manufacturers, Biddulph, Staffs, J. M. Beckett & Son, Ltd., is to continue to trade as a separate entity.

MELLIN'S FOOD, LTD.—A group loss of £90,678 is recorded for the twenty-one months ended December 31, 1960. No dividend is proposed on the ordinary capital (against 5 per cent. for a year) and payment of the preference dividend due on June 30 is to be deferred. The present board, who took office in August 1960, say they have taken "vigorous steps to eliminate the causes of the group's losses" for the period covered by the accounts. The group businesses have now been put on a "more satisfactory basis" and it is expected that the current year's trading should result in a profit of not less

than £50,000 in the current year, subjectly to taxation.

SANITAS "TRUST," LTD. — scrip issue of one-for-ten and an i creased dividend is announced for tl year ended March 31. The directo propose a final dividend of 30 per cer raising the total payment to 45 p cent. from the equivalent of 34-6 p cent. in the previous year. Net pro rose to £269,885 (from £251,418) after tax of £237,673 (£231,627). Sales ar group profits for the current year, in cluding investment income, exceed the of any previously reported period, stat the board.

THREE HANDS PRODUCTS, LTI—A dividend of 6 per cent, for the yea ended April 26, against nil is proposed Group profit was £74,000 (against a lot of £41,262) before tax of £24,00 (£19,377 credit). Mr. L. T. Edward (chairman) says that the prospects for the current year are for a group profic of not less than £100,000, before tax Evan Williams (Holdings), Ltd., controlled by Three Hands, are again un able to pay a dividend and reported group loss of £12,000 (against one of £7,128).

ASPRO-NICHOLAS, LTD.—Ordi nary dividend is 14 per cent, for the year to March 31, with a fourth and final interim of $3\frac{1}{2}$ per cent. (the previous final interimum of $3\frac{1}{2}$ per cent.) ous year's equivalent total was 13-1 per cent). Group profit, before tax, i £1,127,734 (compared with £1,000,03t for 1959-60 and with £1.5 million anti cipated following the acquisition of the Griffiths Hughes group) whose profit have been fully maintained, it is stated In his third quarterly report the chair man (Mr. M. Nicholas) forecast a fal in anticipated group profits for the year, and now says that the most important contributory factor in this has been the "loss incurred by our new subsidiary in North America, owing to our sales in the veterinary field falling far below expectation." In addition, the low turnover in relation to money invested in other "ethical" pharmaceutical and veterinary activities, had an adverse bearing on the results. Finally "We have deliberately incurred additional expense in the initial costs of integrating the business of Ciffiths integrating the business of Griffiths Hughes for the wider exploitation of the group's greatly expanded range of products and upon increased advertising appropriations in markets both at home and abroad." Group turnover, however, was a record—15 per cent in excess of last year. The group profit is, after charges of £572,702 (£344,948), which include depreciation £295,422 (£238,657) and interest on overdrafts. loans and debenture stock £164,337 (£26,102). Deducting tax, the net balance is £411,654 (£445,817).

BOOTS PURE DRUG CO., LTD.

Chairman's annual report for 1960-61

THE report by the chairman (Mr. Willoughby R. Norman) on the company's trading for the year ended March 31, states that home retail sales increased by 10.4 per cent. and wholesale and overseas sales by 6.7 per cent., making the total group sales to outside customers 10 per cent. higher at £99.7 millions. Tax absorbed a higher proportion of the profit than in the previous year. On capital account the board plans to spend during the current year £2.5 millions for their retail development programme and £1.25 millions on plant, building and machinery for the wholesale side of the business increase of £350,000 over what was spent in the year covered by the accounts. Continuing the company's policy to close small unprofitable shops accounts. in favour of larger units in better trading positions, there were two less branches than in the previous year. All the time the average size of the retail trading unit was getting bigger in order to handle the expanding volume of business as economically as possible, adds Mr. Norman. Major modernisation was carried out at 110 branches of

which fifty-seven were completed during the year. On the dispensing side the chairman mentions that the mentions branches dispensed 37 million prescriptions which accounted for 14 per cent. of the company's turnover. Mr. Norman also underlined the fact that the cost of the pharmaceutical service of the National Health Service has remained a virtually constant proportion of the national income during the whole life of the N.H.S. despite what was said to the contrary. That the "drug bill" was a national burden was not true. The pharmaceutical services account for £96 millions or less than one-eighth of the total Service cost. Furthermore £23 millions was paid by the patient in prescription charges leaving the net cost to the Government of £73 millions. "Any suggestion that great profits can be derived from supplying drugs to the N.H.S. is wide of the mark. The Government is getting the business done not only efficiently and economically but at a lower cost than would be possible in any other way." The accounts are as published previously (C, & D., May 13, p. 487).

New Companies

P.C.=Private Company; R.O.:=Registered Office BADENLOCH, LTD. (P.C.).—Capital £100. To carry on the business of dispensing and analytical chemists. R.O.: 13 Well Court, Bow Lane, London, E.C.4.

SMITH & NEPHEW (EUROPE), LTD. (P.C.).—Capital £100. To acquire land, buildings, stocks, shares, etc. Subscribers: Arthur L. Heath and H. C. Mitchell. R.O.: 2 Temple Place, London, W.C.2.

CRAIG-Y-DOL MANUFACTURING & DISTRIBUTING CO., LTD. (P.C.).—Capital £1,000. To carry on the business of manufacturers and

stributors of and dealers in hair lotions, dyes, c. Directors: Richard W. Davies and William avies. R.O.: 724 Windsor Road, Neath, Glam. avies. R.O.; 72A Windsor Road, Neath, Glath, BELLAMY'S (WITHAM), LTD. (P.C.).—
apital £10,000. To acquire the business of emists and druggists carried on by Bellamy's helmsford), Ltd., at 64 High Street, Witham, c. Directors: Leslie S. Bellamy, M.P.S., Millient E. Bellamy, Douglas A. Bellamy and ancy R. Bellamy, R.O.; 55 Duke Street, belleger of the server of the server of the server. helmsford, Essex:

SAFFRON LANE PHARMACY, LTD. (P.C.). Capital £1,000. To carry on the business of nemists, etc. Directors: Brian Worley and Martret A. Worley, 579 Saffron Lane, Leicester. CHEMIMENTS, LTD. (P.C.).—Capital £100. o carry on the business of chemists, etc. Subribers: Jean Herbert and Thomas A. Herbert, 56 Strand, London, W.C.2.

DOUGLAS BELLAMY, LTD, (P.C.).—Registed May 8. Capital £10,000 in £1 shares. o acquire the business of chemists and druggists arried on by Bellamy's (Chelmsford), Ltd., at Tindal Square, Chelmsford, Essex, etc. Directors: Douglas A. Bellamy, M.P.S., and Nancy R. ellamy. R.O.: 2 Tindal Square, Chelmsford,

M. D. TINGLE, LTD. (P.C.).—Capital £2,000. o acquire the business of dispensing chemists arried on by Malcolm D. Tingle at 46 Cannon treet, Middlesbrough, and at 33 Vicarage Drive, Marske-by-Sea, and by Elsic Tingle at 15 Bowesteld Lane, Stockton-on-Tees, etc. Directors: Malcolm D. Tingle, M.P.S., and Elsic Tingle,

BUSINESS CHANGES

STERNS (CHEMISTS), LTD., have ppened a pharmacy at 161 Bramley Road, London, N.14.

FORTIPHONE, LTD., have noved to 125 Middlesex Street, have re-London, E.1 (telephone: Avenue 0125).

THE executive offices of the Toni Co. have been transferred to Trevor House, 100 Brompton Road, London, S.W.3 (telephone: Knightsbridge 6181).

MEAD JOHNSON, LTD., have removed to Morris House, Berkeley Square, London, W.1 (telephone (unchanged): Grosvenor 6944).

MR. HUGH V. CAMPBELL, M.P.S., has acquired the business at Bannockburn Buildings, Tarbert, Argyll, formerly carried on by Mrs. D. G. Buchanan's trustees.

Appointments

LAPORTE CHEMICALS, LTD., Luton, have appointed Mr. A. E. C. Hatton their export sales manager and Mr. L. D. Smith, export sales office nanager.

NEWTON CHAMBERS & CO., LTD., Thorncliffe, Sheffield, have appointed Mr. A. L. Whittaker trade sales manager of their chemicals division.

MONDART, LTD., 142 Sloane Street, London, S.W.1, have appointed Mr. Harold Helsby Baker their general nanager. Mrs. Doreen Owen (formerly personal assistant to the marketing manager) has been appointed product manager for the Max range.

PERSONALITIES

MR. H. HUMPHREYS JONES, F.P.S., who was recently elected president, Liverpool Chemists' Association or the sixth time, and chairman of he local Branch of the Pharmaceutical Society, is receiving an honorary degree rom the Marquess of Salisbury (Chancellor of Liverpool University) at the nidsummer congregation of the University in the Philharmonic Hall, Liverpool, on July 1. Mr. Jones, who is eighty-four years of age, recently returned from a three-weeks visit to the

MR. HUGH V. CAMPBELL, M.P.S., who, because of flood and burglaries has been "driven" from his pharmacy at 67 George Street, Glasgow, is to start all over again at Tarbert, Lock although seventy-two years of Fvne. age. The premises which he had occupied for thirty-four years became a "hopeless" insurance risk when the houses above were condemned and evacuated.

MR. G. BRYAN, F.P.S. (chief pharmacist, Middlesex Hospital), in a letter to *The Times*, June 12, refers to pos-sible misinterpretation of some remarks attributed to him in an article on the shortage of hospital pharmacists (C. & D., June 10, p. 602). He states he was disturbed "to find that some re marks . . . are liable . . . to be misinterpreted and could be taken to refer in a derogatory fashion to the ability of retail pharmacists to interpret correctly the prescriptions written by hospital doctors." That, he writes, was never his intention and such interpretation was possible because his remarks were of necessity condensed.

MR. W. J. ADCOCK, M.P.S., who has been awarded the M.B.E. in the Queen's Birthday Honours List is director of Adcock, Chemist, Alcester, Ltd., with pharmacies in Alcester and Henley-in-Arden. He has been actively engaged in politics since 1930 and has been branch chairman of the local Conservative and Unionist Association for a number of years. He also has held the office of divisional treasurer for the Soldiers', Sailors' and Airmen's Families Association since 1940, and his wife is now divisional secretary. Mr. Adcock is at present vice-chairman of the Warwickshire Pharmaceutical Committee. He was appointed high bailiff of Alcester in 1953, being the third generation of his family to hold this office.

BIRTHS

NEWBERRY.—At Belfast on May 26, to Joan, wife of Arthur G. Newberry, M.P.S.N.I., 14 Mount Regan Avenue, Dundonald, Belfast, a daugh-

DEATHS

BAMFORD.—On May 28, Mr. William Bamford, Sompting, nr. Worthing. Mr. Bamford, who qualified as a chemist and druggist in 1920 was formerly in business with his brothers in the family concern of W. Bamford & Sons (Chemists), Ltd., that was carried on in Yorkshire Street and Spotland Road, Rochdale.

GUERIN.-In Paris, recently, Professor Jean-Marie Guérin, aged eightynine. Professor Guérin, in collabora-tion with Professor Albert Calmette, developed the Bacillus Calmette-Guérin vaccine (B.C.G. vaccine). The collaboration began when they worked in the Pasteur Institute.

HARPER.—Recently, Miss Sophie Sonia Harper, M.P.S., 28 Bina Gardens, London, S.W.5. Miss Harper qualified in 1950.

MORGAN.—Recently, Mr. Rowland Evan Arthur Morgan, M.P.S., The Pharmacy, Llanon, Cardigans, Morgan qualified in 1927.

MURRAY.—Recently, Mr. James Murray, M.P.S., 5 Hayes Bridge Road, Cardiff, Glam. Mr. Murray qualified in 1905 and in that year be became an assistant to Mr. Albert Hagon, who was at one time a member of the Council of the Pharmaccutical Society, Mr. Murray later became a partner with Mr. Hagon. In 1946 a new company was formed, Albert Hagon (1946), Ltd., Mr. Murray becoming a director and the superintendent pharmacist. Active in local pharmaceutical affairs, Mr. Murray was twice elected president of the Cardiff Branch. He was a member of the Cardiff Pharmaceutical Committee for thirty-four years and its chairman for the past seven years. He was a member of the Cardiff Executive Council, a member of the Llangattock Lodge of Freemasons and past-master of the Galen Lodge. He leaves two daughters, Mrs. T. P. Martin, M.P.S., Cardiff, and Mrs. Ivor Richards, Bangor, Northern Ireland.

ROSS. — On May 27, Mr. Donald Ross, M.P.S., 24 Gains Road, Southsea, Hants, aged seventy-five.

ROUSE.—On May 31, Mr. Wilfred Rouse, M.P.S., 34 High Street, Aylesbury, Bucks. Mr. Rouse qualified in 1921

STEEDE.—Suddenly, on June 5, Mr. Alexander Steede, M.P.S., 8 Willowbank Gardens, Belfast, 15. A native of Cullybackey, co. Antrim, Northern Ireland, Mr. Steede served his pharmaceutical apprenticeship in Ballymena. He qualified in Dublin in 1918, and registered in Northern Ireland in 1926. After experience in Londonderry, Strabane and Portadown, he opened a business on his own account in Antrim Road, Belfast, where he had carried on as chemist and optician for over forty years. He was also proprietor of the company that manufactured Loughrey's syrup of Irish moss. Mr. Steede had been a member of the Executive Committee of the Ulster Chemists' Association for many years, and was president in 1937. He represented the U.C.A. on the Ulster Tourist Development Association for ten years. He is survived by his widow, a son and a daughter.

TREGENZA.—On June 7, Mr. William Tregenza, M.P.S., 15 Birkenhead Road, Hoylake. Mr. Tregenza and his wife were killed in a motor accident wife were killed in a motor accident in which eight people lost their lives. Mr. Tregenza, who qualified in 1928, was managing director of Woodfield Cooke, Ltd., Liverpool, and a past-president of Hoylake Rotary Club. He was head Civil Defence warden at Hoylake in the 1929-45 were and was a lake in the 1939-45 war, and was a past-president of Hoylake Musical Society. He had also been connected with Hoylake Parochial Church Council and Hoylake Chamber of Trade.

TURNER.—On May 31, Mr. Arthur Turner, M.P.S., 787 Manchester Road, Stocksbridge, Sheffield, Yorks. Mr. Turner, who retired a few months ago, qualified in 1923.

WATERS.—On May 4, Mr. Vincent Percival Waters, M.P.S., Lakeland Pharmacy, Windermere, Westmorland. Mr. Waters qualified in 1913.

BIRTHDAY HONOURS

The following awards are included in the Queen's Birthday Honours list published on June 10:-

Privy Councillors: Vaughan-Morgan, Sir John Kenyon (Parliamentary Secretary Ministry of Health, 1957; retary, Ministry of Health, 1957; Minister of State, Board of Trade,

Knights Baehelor: Barratt, Sydney (chairman, Albright & Wilson, Ltd.); Birch, John Alan (general secretary, Union of Shop, Distributive and Allied Workers); Dain, Harry Guy (chairman of council of British Medical Association, 1943-49, member of General Medical Council for twenty-six years, chairman, British Pharmacopæia Commission 1951); Hill, Austin Bradford (professor of medical statistics, London School of Hygiene and Tropical Medicine, University of London).

Knight Commander, Order

Bath: Fraser, Bruce Donald, C.B. (Permanent Secretary, Ministry of Health).

Companion, Order of the Bath:
Goodman, N. M. (deputy chief medical officer, Ministry of Health); Graham,
N. W. (Under Secretary Donates of the State N. W. (Under-Secretary, Department of Health for Scotland).

Knight Commander, Order of the British Empire: Pitman, Isaac James (director, Boots Pure Drug Co., Ltd.).

Commander, Order of the British Empire: Chapman, S. (director, Association of Chemical and Allied Employers); Whipple, G. A. (chairman and managing director, Hilger & Watts,

Imperial Service Order: Jewsbury, H. G. (Principal, Ministry of Health).

Officer, Order of the British Empire: Campbell, Neil, Ph.D., D.Sc., F.R.S.E. (Reader in Chemistry, University of Edinburgh; member of the Society's Board of Examiners for Scotland; author of "Schmidt's Organic Chemi-stry," "Qualitative Organic Analysis"); Eley, D. D. (Professor of Physical Chemistry, Nottingham University); Harbinson, D. L. (medical officer, Ministry of Health); Sawney, L. T. (chairman and managing director, Thermos, Ltd.).

Member, Order of the British Empire: Adcock, W. J., M.P.S. (vice-chairman, Warwickshire Pharmaceutical Committee); Cardy, J. F. (executive officer, Ministry of Health); Massingham, P. G. (executive officer, Ministry of Health); Sinclair, W. McC. (staff officer, Ministry of Health and Local Government for Northern Ireland); Young, Miss E. H. (higher executive officer, Department of Health for Scotland).

GUILD OF PUBLIC PHARMACISTS

Council meeting resolutions

THE Ministry of Health new official Dangerous Drug ward order and record books were commented on at the Guild of Public Pharmacists' Council meeting on June 3. While the size of the record book was felt to be overlarge and the need for a blank thumb index was emphasised, it was generally agreed that the advantage to the nursing staff of a uniform system throughout the country overcame any disadvantages.

New Officers

The following officers were elected for the coming year 1961-62: President, Mr. S. Powlson; viee-president, Mr. W. Mott; seeretary, Mr. J. C. Barfield, 49 Tudor Drive, Otford, Sevenoaks, Kent; treasurer, Mr. E. J. Fitchett; registrar, Mr. W. G. Smith; editor, Mr. G. Raine; seeretary for Seotland, Mr. J. Morrison; insuranee registrar, Mr. J. H. Wood. The original Research and Planning Committee was divided; members elected to the Planning Committee were Miss M. C. Islip and Messrs, E. A. Burton, J. W. B. Fish and J. Soulsby; and Messrs. N. W. Blacow, T. D. Clarke, E. George, J. W. Hadgraft, S. J. Hopkins, G. Raine and T. Wing constitute the new Research Committee. Committees' secretaries are to be chosen later.

The information was given that a claim for increased salaries for hospital pharmacists, to bring the level to that of comparable careers both inside and outside the hospital service, was submitted to the Management Side of the Whitley Council, Committee "C," on May 9, 1961. As no agreement to published the former to publish the former warms and the former warms and the former warms are selected to the former warms and the former warms are selected to the former warms and the former warms are selected to the former warms and the former warms are selected to the former warms are selected to the former warms are selected to the wa lish had been arranged, the figures were still confidential.

The general Ministry of Health leaflet on "Careers in the hospital ser-

vice," HSC 1/X, was severely criticised in including pharmacists under the list of careers requiring only the General Certificate of Education or its equivalent and for omitting it from the list of careers requiring "a university degree or diploma or equivalent, or a professional qualification." The second leaflet, HSC 12, "The Pharmacist," was agreed to be much more adequately presented, but the salary for the postgraduate student was wrongly quoted. As those leaflets had been widely distributed during the Commonwealth Training Week, the General Secretary was asked to make a strong complaint about the inaccuracies to the Minister of Health and also to refer the matter to the Standing Pharmaceutical Advisory Committee.



A CINE CAMERA IS LAUNCHED: The staff of Photopia, Ltd., attended a one-day sales conference at the company's headquarters at Hempstalls Lane, Newcastle, Staffs, recently, to mark the launching of the Auto-Carena 8-mm. cine camera. In the centre, front row, is the managing director (Mr. C. G. Strasser).

PHOTOGRAPHIC NOTES

Low-priced Films.—Corochrome roll film, claimed by the makers, Coronet, Ltd., 308 Summer Lane, Birmingham, 19, "best value at the lowest price," is available in all popular sizes, in display cartons each taking 2 dozen.

"Two Cameras in One."-Described as "two cameras in one—an automatic camera for day and a flash camera for night," the Autoflash "super 44" by Agilux, Ltd., Purley Way, Croydon, Surrey, takes 127 film and is equipped with case and flash reflector.

All-metal Projector.—The Halina 150 still projector is distributed by J. J. Silber, Ltd., 40 Lamb's Conduit Street, London, W.1. It incorporates an London, W.1. It incorporates an 80 mm. f/3.5 lens (coated and colourcorrected), a helical focusing device, double condensers and a heat-absorbing filter; it is built to take 2 x 2-in. (35-mm.) slides. 150 watt lamp and carrying case are extra.

24-hour Processing Service.—Glen of Alexandria, 136 Main Street, Alexandria, Dumbartons, offer to all Scottish chemists a "one bag—one account" service for black-and-white and colour processing. They guarantee a 24-hour postal service and in addition their vans collect and deliver in Glasgow, Lanarkshire, Renfrewshire, Dunbarton-shire and Stirlingshire.

Film in Colour.—Vista colour negative film, issued and processed by The Standard Photographic Supplies, 15 Leam Terrace, Leamington, Warwicks, is available as 26 Scheiner roll film in sizes 120, 620 and 127. The company also market a black-and-white panchromatic roll film, Standard chrome," which has a speed r which has a speed rating of 33 Scheiner and is available in 120, 620 and 127 sizes.

35-mm. Slide Projector.—The Autolux 300 slide projector by Johnsons of Hendon, Ltd., Hendon Way, London, N.W.4, takes twenty mounted slides at a time and incorporates a one-stroke lever for changing and re-stacking them. The projector has a 3-component f/2·8 anastigmatic lens, 300-watt illumination, a silent turbine-type blower, and is constructed of an enamelled alloy. It gives 5-ft. wide projection alloy. at 12 ft.

Eliminating "Newton's Rings."-Paterson 35-mm. transparency frames by R. F. Hunter, Ltd., 51 Gray's Inn Road, London, W.C.1, are offered with glasses of matt surface, preventing full contact with the transparencies and so avoiding formation of Newton's rings. Image quality is not affected. Supplied in boxes of twenty and 100 frames, each with two glasses; also in box of twenty glasses only. Display cartons are available (capacity, twelve boxes).

For Album-size Pictures. — Claimed the "best-selling album size picture producer," the "6 x 6" camera by producer," the "6 x 6" camera by Coronet, Ltd., 308 Summer Lane, Birmingham, 19, takes twelve $2\frac{1}{4} \times 2\frac{1}{4}$ -in. exposures on 120 roll film. It is available with or without flash synchronisation. Another camera, the "6 x 6 Victor," by the same makers, has fixed focus from 4 ft to infinity, and is synchronised for flash. The "4 x 4" is a cheaper model. taking twelve exposures, $1\frac{2}{8} \times 1\frac{2}{8}$ in., on 127 film.

NEW PRODUCTS AND PACKS

Tar for Topical Application.—Evans fedical, Ltd., Speke, Liverpool, 24, nnounce the introduction of a new nedical speciality, Nobepyrol, embodying a new method of presenting tar for opical application. The tar is incororated in a plastic dressing containing an antiseptic (tetramethylthiram disulphide (TMTD)). Nobepyrol a protectant dressing possessing antieptic, fungicidal and water-repellent roperties. It contains 5 per cent. of rude coal tar and 0.6 per cent. of TMTD in the dried plastic film. The roduct is presented as a spray pack ontaining 45 gm.

Antibiotic Injection.—The Distillers Co. (Biochemicals), Ltd., Broadway House, The Broadway, London, S.W.19, have launched a new speciality Solutione, an injection combining the antibacterial actions of crystalline penicilin and of streptomycin. Each single-lose vial contains 500,000 units of penicillin (sodium salt), B.P., and an amount of streptomycin sulphate equivalent to 0.5 gm. of base. With the introduction of Soluvone the company have introduced also two new vials of improved design, one a general-purpose injection container for the ower strength, and the other a new type of multidose container, both incorporating closures claimed to possess many advantages. Soluvone is presented in pack of five single-dose vials and pack of ten five-dose vials.

Ophthalmic Ointments. — E. R. Squibb & Sons, Ltd., Edwards Lane, Speke, Liverpool, 24, have launched two new specialities in their Adcortyl-A range of topical corticosteroid preparations. Adcortyl-A ointment ophthalmic provides I mgm. of triamcinolone acetonide per gm., and is indicated for the relief of a wide variety of inflammatory and allergic conditions in the anterior segment of the eye. Adcortyl-A ointment ophthalmic with Graneodin provides in each gm. I mgm. of triamcinolone acetonide, 2.5 mgm. of neomycin and 0.25 mgm. of gramicidin for use when secondary infection complicates or threatens inflammatory conditions. The base for both ointments is Plastibase which is claimed non-irritating and not to cause blurring of vision. The pack of each product is a 3.5-gm. tube.

Pain-relieving Spray.—Boots Pure Drug Co., Ltd., Station Street, Nottingham, have been supplying for some time a skin refrigerant spray (SN 1697) for specialised purposes mainly in plastic surgery. They are now marketing a modification specially formulated for the relief of painful conditions, following a recent article in the British Medical Journal suggesting that cooling skin sprays have an application for relieving the pain associated with muscular spasm. The relief of pain by cooling the skin has been known and practised for about twenty-five years, the mode of action being counter-irritant in nature, breaking the pain reflex and allowing the spasm to subside. The agent commonly employed was ethyl chloride. The new spray contains fluorochloromethanes, which have a similar therapeutic effect but the product is non-toxic, non-inflam-

mable and without any general anæsthetic effect from the vapour. It is understood also that there is no risk of "cold burn" when the product is used as directed, making it suitable for domiciliary use by the patient.

New Veterinary Products. — Burroughs Wellcome & Co. (The Wellcome Foundation, Ltd.), Euston Road, London, N.W.1, announce the introduction of Carovax brand pasteurella vaccine and Wellcome brand pasteurella antiserum for veterinary use. Carovax is prepared from virulent and highly antigenic strains of Pasteurella septica, types II, III and IV and Passeurella haemolytica, and is intended for the active immunisation of animals against pasteurellosis. The antiserum is prepared in horses hyperimmunised against virulent strains of P. septica (types II, III, and IV) and P. haemolytica and may be used for passive protection or treatment, Both products are understood to be of value in the protection of sheep against pneumonia and lambs against septicaemia. Carovax is issued in a 50-mil bottle and the Wellcome antiserum in bottle of 100 mils.

A Redesigned Range.—Goya, Ltd., 161 New Bond Street, London, W.1, who claim to have marketed the first complete range of men's toilet preparations, have found that they have tended to become outclassed by competitive products, and have accordingly launched a new Corvette range using "more realistic pictorial packaging, brighter colours and new containers." The products have been given a longer-lasting scent, and are now claimed to give "a cool, clean, fragrant feeling right through the day."

Hair-styling Spray and Lacquer. — Camilatone (distributors: F. W. Hampshire & Co., Ltd., Sunnydale, Derby) have launched nationally two new preparations for the hair: Coronette hair styling spray and hair lacquer, the former available in plastic squeeze bottle and aerosol pack, the latter in plastic squeeze bottle. The lacquer is



"VENETIAN" COMPACT: "Gaily continental" is how Laughton & Sons, Ltd., Birmingham, 14, describe their latest "petite" Stratton compact in Venetian design. The compact has an automatic-opening inner lid.

for use on dry hair. Since its main ingredient is not soluble in water, it is claimed to "hold the hair in any desired style without fear that the hair will become softened by rain or disarranged on windy days." The product is understood not to leave the hair sticky, and to be readily brushed or shampooed out. The main purpose of the hair-styling spray is to set the hair while it is still damp after shampooing. The product is claimed superior to normal setting lotions and, while not so weather-proof as the lacquer, it gives a soft finish to the hair. It may, like the spray, be used to hold dry hair in style, and does not flake off. It is non-greasy. Both preparations have a light floral bouquet perfume. The lacquer is issued in a lilac coloured bottle and the spray in packs of light blue. Refills are available.

Standard-volt Shaver.—Philips Electrical, Ltd., Century House, Shaftesbury Avenue, London, W.C.2, have introduced a new model of their Philishave electric shaver, the standard-volt model operating on ac/dc 200-50 volts. With rotary cutting action like previous models, the new shaver has a raised rim round the shaving head for smoothing down the skin so that the blades can get close.



N O R T H A N D
NORTH - MIDLANDS
DEPOT: Distribution
depôt opened recently
at Weston Road,
Crewe, by Parke-Davis
& Co., Hounslow,
Middlesex. The depôt
services a large part of
the North of England
and north Midlands.
At left: Part of the
warehouse interior,
which has a floor area
of 11,062 sq. ft. with
an office block, it occupies a two-acre site,
near Crewe station.



TRADE NOTES

Tissues With Sun-tan Cream.—With every tube of Cooltan (Cooltan Laboratories, 67 Effra Road, London, S.W.2) is being given a free polythene pocket-pack of Kleenex tissues.

Now Tax-free.—Imperial Chemical Industries, Ltd., pharmaceuticals division, Fulshaw Hall, Wilmslow, Ches, state that Siopel cream has been exempted from purchase tax.

A Product's Chemical Name.—G. D. Searle & Co., Ltd., Lane End Road, High Wycombe, Bucks, point out that their speciality Mitronal is N-benzhydryl-N'-cinnamyl piperazine and not as stated in a paragraph in these pages on June 3.

In Design Index.—The Council of Industrial Design, 28 Haymarket, London, S.W.1, have accepted for inclusion in the index a child's non-spill chamber in polythene, manufactured by Halex division of British Xylonite Co., Ltd., Highams Park, London, E.4.

New Formula.—Sorex (London), Ltd., Tonbridge Road, Maidstone, Kent, claim that their Sorexa rat bait "now packs a double punch." its new formula having an increased warfarin content with added attractant. The square black pack has been restyled.

Display Competition Prize-winners.—Genatosan, Ltd., Loughborough, Leics, announce that the winners in the first of a new series of Sanatogen and Sebbix window display competitions were:

1. P. Morris-Wilson, M.P.S., Woodhatch, Reigate (£30);

2. R. H. Ellis, M.P.S., Skellow, Doncaster (£20); and

3. F. V. Brown, M.P.S., Buxton (£16)

Discontinued. — The following products of John Bell, Hills & Lucas, Ltd., Oxford Works, Worsley Bridge Road, London, S.E.26, have been withdrawn: Malt extract with halibut-liver oil; compound pholoodine tablets; Triad brand cherry malt and oil; sea and travel sickness remedy; and ephedrine nasal solution.

Awarded Certificate.—The certificate of the Lux Washability Bureau has been awarded to Monogram Electric, Ltd., Gatwick Road, Crawley, Sussex, for their automatic overblankets. The occasion is claimed the first in the history of the Bureau (established in 1930) on which an electric blanket has been tested and approved.

Stock Recalled. — Golden, Ltd., l'Oreal House, 7 Grosvenor Street, London, W.1, state that the 1960 production of Ambre Solaire mousse aero-

sol pack appears to be developing a defect. They ask retailers who have still in their possession stocks of 1960-made mousse in aerosols (with the following code numbers stamped on the base of the can: 235; 413; 523; and 364) to return them for free exchange.

Now Nationally Distributed. — After a successful launching in London, the Home Counties and Northern Ireland, Panets, a speciality of Ward, Blenkinsop & Co., Ltd., Fulton House, Empire Way, Wembley, Middlesex, are now being distributed nation-wide. Panets are available in outer of two doz. small size (16 tablets) and outer of one doz. large size (50 tablets).



JUDGING A COMPETITION: Photographed while judging a holiday competition organised by Colgate-Palmolive, Ltd., 76 Oxford Street, London, W.1, in which entrants had to guess in which countries a series of travel photographs had been taken, are Mrs. Elizabeth Nicholas (travel correspondent of the Sunday Times), Mr. F. R. D. Tolson (group director of the company's advertising agents), and Mr. P. W. F. Wells (brand manager). Results of the competition were published in the Competitors Journal, June 5.

Russia to Try British Iron Preparation.—Mr. Alan Caine, of Benger Laboratories, Ltd., one of the technical team manning the Fisons, Ltd.'s stand at the British Trade Fair in Moscow reported on his return to Britain that the director of the Scientific Production Laboratory of the Ministry of Agriculture in Russia (Mr. Sergyeeva), was interested in the value of Imposil for the treatment of iron deficiency anæmia in pigs and had suggested that trials be conducted by the Ministry. No injectable iron preparations are at present available in the U.S.S.R. It has now been agreed that trials should be carried out with a thousand piglets for a period of two months.

A New Distributing Company.— Three manufacturers are linked in a new distributing company, Marketing Facilities, Ltd., 197 Lyham Road, London, S.W.2. One salesman from that company will from now on take order for Roger & Gallet (soaps, cologne and talcum powders); Ellanby Laboratories, Ltd. (Night Tan and Night Tan Sunscreen); and Burrows Lyham, Ltd (Quadrin tablets for relief of premenstrual tension). All orders from the company will be subject to the following discounts of 7½ per cent. for order of £10 and above; 10 per cent. for £25 orders and 15 per cent. for £25 orders and 15 per cent. for £100.

Competition Prizes.—In a competition open to users of Wright's coal-tarsoap, Wright Layman & Umney (Sales), Ltd., 42 Southwark Street, London, S.E.1, report a high response, with excellent co-operation from chemists. First "jack-pot" prize was won by Mrs. Trudy Findlay, 42 Selbourne Road, Weston-super-Mare, who opted to take the cash equivalent of £750. She was presented with her cheque by Mr. Lock (president, Weston-super-Mare Chamber of Trade) at the Wintergardens Ballroom, Weston-super-Mare. The second prize (a continental holiday for two) was won by Mrs. M. Kilner, 371 Whitehall Road, Wyke, Bradford, who opted to take the cash equivalent of £150. Mr. Smithies (manager of Wright-Hudson Chemists, Ltd., Wyke), nominated by Mrs. Kilner as her source of supply for Wright's coal-tar soap, received a cheque as supplier. presentations were made in Leeds. Ten other major prizes were presented by representatives of the company at the retail outlets nominated as the prizewinner's source of supply, and seventyfive consolation prizes have been dispatched to runners-up.

Bonus Offers

COSETTE, LTD., 21 Beauchamp Place, London, S.W.3. No-belt Cosette. Thirteen for the price of twelve. Direct accounts only.

SOUTHON LABORATORIES, LTD., Western House, Gravel Hill, Bexleyheath, Kent. Esobactulin capsules. Thirteen to doz. Until September 30.

STOLEN CAMERAS

NOTIFICATION has come from Rank Precision Industries, Ltd., 37 Mortimer Street, London, W.1, that a Bell & Howell Sundial camera 624B (serial number D59359) was stolen recently from F. Murley, Ltd., Fawley, Hants (see C. & D., May 20, p. 516); a Bell & Howell Autoset 624EE (serial number D35831) from Woodhall, London Road, Windlesham; and a Sportster IV (634) camera, serial number H5048 from Cine Equipment, Ltd., Queen Street, Wolverhampton. The following items of equipment were stolen from the stand of Photopia, Ltd., at the Photo-Cine Fair at Olympia recently:—

1 Edixamat reflex C, serial 260839; 1 Iscolor f/2·8/50 mm, lens, serial 796556; 1 Xenar f/2·8/50 mm, lens, 1 Iscomat f/3·5/135 mm, lens; 2 waist-level viewfinders for Edixamat reflex; 1 Photopia P21 tripod; 2 Watameter super rangefinders; 1 Regulette Varío with

case.

Any information about them would be welcomed by the company at Hempstalls Lane, Newcastle, Staffs.



Mr. R. S. Betterton.



right: Messrs. Douglas Hill, George Hydes and R. P. Gardner, Mr. J. Klein, Miss Eve Gardiner and

Correspondence

Letters when received must bear the name and address of the sender, not necessarily for publication. The Editor does not hold himself responsible for the views expressed.

How to Stop "Cutting'

SIR.—The Midlands have many town arkets, and at all of those a considerble number of price cutters attend. lany manufacturers make efforts to eep their goods out of the hands of hese people, but the most recent and utstanding example we have to face n this town is the sale of Goya perumes (4s. 6d. for 3s.). And this is a so-In my alled agency line. pinion the firms concerned with the nanufacture and distribution of the oods that cutters like to handle will nake a determined effort to stop these ales only if all pharmacists make their pinions clear both to the companies oncerned and to their representatives when they call. I had such a represenative in today. I pointed out that a hop called a "disposal store" down he way was retailing three of his firm's ines at cut price. He was not impressed, and was not prepared to visit or warn the man concerned. In a halfearted manner he said that he might write to his company about it. His next effort was the best. He produced two new lines soon to be advertised by his company, at which I said "No new lines until the price cutting is investiga-ted." He said "But we are advertising it. What will you do when the demand comes?" Do without it. Why not offer it to the price cutters to market it for you?" If all private pharmacists would refuse to handle new lines until something was done, it would soon be done.

TREVOR SHELLEY, Bilston, Staffs

A Tide in the Affairs of Contractors

SIR,—I would like through the medium of your columns—and so far as any one individual may presume to do so—to make an earnest appeal to every pharmacist contractor under the National Health Service to give to the

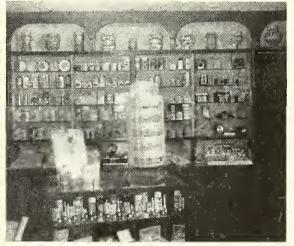
N.P.U. Executive Committee and to the Central N.H.S. (Chemist Contrac-tors) Committee at this juncture his wholehearted and unconditional support and co-operation. I can claim to have had a long experience in general pharmacy and a close participation in matters affecting pharmaceutical politics and I say without hesitation that, in my opinion, the questions now being debated between pharmacists' representatives and the Ministry of Health are almost as vitally important to us as pharmacists as any that have arisen in the history of the pharmaceutical service. The position of the pharmaceutical contractor under the National Health Service for many years to come will be determined by the outcome of the present discussions. I am certain that, in my lifetime at least, no more favourable opportunity will again present itself for establishing once for all the pharmacist's value to the community whom he serves and the status and recognition that his training, his knowledge and his experience demand. If the present struggle is lost—as it well may be through apathy, neglect, or even disaffection, on the part of individual contractors—then pharmacy as I have always understood it has had its day, and the conditions for its future practice will be dictated by Whitehall without any chance for argument or expostulation. I am glad to find that the Contractors Committee, after so many official rebuffs, has at last reached the limit of its tolerance and is now prepared to take issue boldly with the Ministry and insist on the proper recognition of the pharmacist's professional standing and fair remuneration for the pharmaceutical service he provides. Along with many, many other pharmacists I am disappointed at the present reluctant attitude of the Pharmaceutical Society. "Ho, Jolly Jenkin!" or no Jolly Jenkin, it is beyond question that the Pharmaceu-

tical Society should be in the forefront of this coming struggle—not to haggle over the fractional pence value of a container, or the decimal monetary equivalent of the individual professional services we render, but to stand out boldly as the official champion of professional pharmacy: to safeguard the position of every member on the register, whose destinies are in its hands; to support the general practi-tioner in pharmacy, carrying on his tioner in pharmacy, carrying on his essential work in the commercial atmosphere—it may be—of his shop, equally with the B.Pharm. employed in industry or the F.P.S. practising in the hospital pharmacy department; to maintain the proper status of the trained and qualified pharmaceutical chemist; and to ensure for all such, adequate official recognition of their capabilities and responsibilities and the national importance of their essential duties. The N.P.U. and the Contractors Committee has at least set the Society a good example by boldly making its claims without fear of infringing good relations with Government departments and antagonising official goodwill, however doubtful and undependable that quality is at any time. If the Society neglects this present opportunity of maintaining its moral leadership of official pharmacy by withholding its unqualified support to the actions of the N.P.U., it will more than ever, in my opinion, alienate the good feeling of the bulk of its membership, and will find in the long run that, though it may retain the empty husk of academic professional superiority, will lose its hold on the solid kernel of general pharmaceutical practice which is the main concern of the majority of its present supporters. At this time it seems to me that the main requirement for success, so far as individual contractors are concerned, is for unity amongst all those who engage them-selves to provide the pharmaceutical



THE OLD AND THE MODERN: Earlier in the year Xrayser expressed regret that one after another pharmacies of distinction had "succumbed to modernisation." That was taken up





as a challenge by Mr. Gilbert White, M.P.S., Burnham Market, Norfolk, who wrote "I am happy to say that I think I have managed to marry quite successfully part of this very old pharmacy with modern fixtures. Alterations were carried out three years ago and one wall now displays, in fixtures over 100 years old, two sets of blue shop rounds and some twenty drug jars. A further twelve old jars were incorporated in a new 12-ft. cosmetic unit. To me they are a symbol and matter for personal pride and, even if they do not make money, they bring customers in (even if to only admire) and from the many adverse comments about 'chrome and plastic' it seems that many members of the public appreciate the effort I have made to preserve something of the past and to add dignity to the profession." The pharmacy of Mr. White and the fittings he refers to are here shown.

service; for them to note and understand the frank explanation of the present position given by Mr. Graham at the recent conference of Pharmaceutical Committee representatives (see p. 630); to forget differences between colleagues over comparatively unimportant, though still unsatisfactory, details of the service; to co-operate loyally now with the N.P.U.; and to be willing to accept guidance and even endure sacrifice if called upon, in order to secure for practising pharmacists as a whole adequate recognition of the importance of their work and adequate reward for carrying on that work. If space permits, Mr. Editor, I would like to recall briefly some of Mr. Graham's most vital phrases:

"To press by all available means for an early, honest settlement of our just claims for increased remuneration for professional services."

"Chemists generally in England and Wales have co-operated with the Ministry and a firstclass pharmaceutical service has been pro-vided,"

"The chemist is a hard-working, highly qualified man without whose professional skills the whole of the N.H.S. pharmaceutical service would break down,"

"The Ministry revel in third and fourth places of a decimal of a penny."

"We do not intend to try to support our claims by arithmetical arguments conducted in terms of the third or fourth place of decimals,"

"We must strike together. We must act together. The Ministry will try to divide us. If they succeed they will conquer us. Now is the time to take a stand. Now is the time to act. If we fail now we will never have as good an opportunity again—Never!"

And I close my letter to you, Sir (as Mr. Graham closed his address) with his most telling passage. The action we take must be organised action.

Veteran

SIR,—This is a serious crisis, and should like to see more pharmacis take more than idle interest. The sooner we strike, the more easily sha we get settlement.

> C. R. THEWLIS, Middlesbrough

Bonus Terms

SIR,—Thirteen tubes of ointment o normal terms cost 26s. They retail a 3s. (= profit per tube of 1s.). Thirtee tubes on bonus terms cost 24s. (= prof per tube of 1s. 1.846d.). The manufac turer reckons the increased profit pe tube as 3.0d. not 1.846d. Does thi indicate that the manufacturer is un ethical, uninformed or merely unedu cated.

> J. DEWHIRST, Bradford

NEW BOOKS

Practical Mycology. Manual for Identification of Fungi

SIZURD FUNDER, PH.D. Hafner Publishing Co., Ltd., Star Yard, London, W.C.2. 10 x $7\frac{3}{4}$ in. Pp. 144. \$6.50.

Now in its second edition, the book is designed to serve as an introduction to mycology for beginners and as an aid for those interested in identifying the most common fungi. A selection of the latter and the chief pathogenic forms which cause disease in man, animals and plants are therefore presented in the book. There are many drawings and a useful glossary.

New and Non-official Drugs, 1961

COUNCIL ON DRUGS OF THE AMERICAN MEDICAL ASSOCIA-TION. J. B. Lippencott Co., Philadelphia, U.S.A., and Pitman Medical Publishing Co., Ltd., 45 New Oxford Street, London, W.1. $7\frac{1}{2} \times 5$ in. Pp. xxix + 849. 30s.

THIS new edition contains fifty-four new drugs evaluated by the council since the previous edition, whilst only twelve drugs, which appeared in the earlier edition, have been omitted, six of which are no longer commercially available in the United States. The monographs are arranged alphabetically according to their non-proprietary names and are grouped in chapters according to their pharmacological action or clinical use. An appendix gives the names and addresses of manufacturers.

American Drug Index, 1961

C. O. WILSON and T. E. JONES. J. B. Lippencott Co., Philadelphia, U.S.A., and Pitman Medical Publishing Co., Ltd., 45 New Oxford Street, London, W.1. $8\frac{1}{4} \times 5\frac{1}{2}$ in. Pp. 791. 55s.

THE new edition of the index, larger than its predecessor, lists alphabetically the many pharmaceutical products available—the United States cross indexing facilitates the finding of drugs or drug combinations when only the generic name or one of the major ingredients is known. Under name or one of the major ingredients is known. Under the brand name is given the name of the manufacturer, composition, available forms, sizes, dosage and use. The book is a valuable source of information for those pharmacists who frequently get prescriptions of American origin.

Inorganic Syntheses. Volume VI.

EUGENE G. ROCHOW (editor). McGraw-Hill Publishing Co., Ltd., McGraw Hill House, 95 Farringdon Street, London, E.C.4. $9\frac{1}{4} \times 6$ in. Pp. 255 + vii + indexes. 60s.

This volume follows the same general pattern as its predecessors. It contains sixty-nine independently tested syntheses cessors. It contains sixty-nine independently tested syntheses arranged in chapters according to the Mendeleef groups. Contributions cover substances from active metals to isotopically labelled acids, including many co-ordination compounds. It is well illustrated, and each monograph includes much critical and experimental detail. There are two good indexes of subject matter and formulae respectively and an index of contributions. The many foreign contributions (all translated into English) give the book an international flavour.

A Dictionary of Named Effects and Laws

D. W. G. BALLENTYNE and L. E. Q. WALKER. Chapman & Hall, Ltd. 37 Essex Street, London, W.C.2. $8\frac{1}{2} \times 5\frac{1}{2}$ in. Second edition. Pp. 234. 30s.

THE authors point out that this work is not intended to be read as a text-book but rather to be consulted as a dictionary whenever the reader, possibly an expert in one field, faces a reference to a relation, rule or law of someone working, perhaps, in quite another field. The book is essentially a glossary of succinct definitions of rules, laws, effects, concepts, theorems, reactions, processes and equations culled from the fields of chemistry, physics and mathematics. Classification is alphabetical rather than according to sub-ject matter. In this new edition over 150 entries have been added and the appendix of definitions of named units has been rewritten.

Shops and Prices

FRANK A. FRIDAY. Sir Isaac Pitman & Sons, Ltd., Parker Street, Kingsway, London, W.C.2. $7\frac{1}{4} \times 4\frac{3}{4}$ in. Pp.

EARLY in 1960, the President of the Board of Trade set up a departmental committee to collect facts about the extent and the effects of individual resale price maintenance. The kind of information which the Board of Trade has been collecting is here critically examined. Mr. Friday, while believing that the President's intention in setting up the inquiry was excellent, holds that the outcome will be disappointing because so much of the information obtained will be opinion only and many important facts have been excluded. The pity of that is, as Mr. Friday says, that the general arguments on the subject have been conducted in a "rarified atmosphere of intellectual abstraction in which all resemblance with real life has been purely coincidental. The dispute ought to be brought down to earth and many of the basic assumptions should be verified." How that should be done the writer indicates throughout the book. The book clearly expounds the meaning of costs and of average gross margins in distribution. The author quotes Canadian statistics on margins to show that the abolition there of resale price maintenance at the end of 1951 did not reduce margins or prices, but that, in fact, the growth of margins and of services in the food trades since 1951 had to be the subject of a special inquiry. "It is more likely," Mr. Friday argues, "that resale price maintenance keeps retail margins and prices down and it is certainly of benefit to consumers in many other ways." In a chapter entitled "Gullible's Travels," the author explains that "no consumer can be sure that he is buying all the time at the lowest prices unless he has an encyclopædic and omniscient knowledge of the complete range of products and ratios of prices everywhere." He shows that, without enforcement, prices get pushed upward on purchases. appearance of a discount on purchases.



For Retailer, Wholesaler and Manufacturer
ESTABLISHED 1859

Published weekly at 28 Essex Street, Strand, London, W.C.2

TELEGRAMS: "CHEMICUS ESTRAND, LONDON"
TELEPHONE CENTRAL 6565

Just Demands

'WE have thought in terms of decimals of a penny far oo long." That statement by Mr. G. H. M. Graham, hairman of the Central N.H.S. (Chemist Contractors) Committee, will be echoed and approved by retail pharmacists whether in town, city or hamlet, in pharmacy's private, multiple or Co-operative sector.

Mr. Graham and his colleagues, who have taken up a new attitude towards the Ministry of Health, should certainly receive the support of those for whom they strive. The demands by the Committee (C. & D., June 10, p. 587), are, at the least, realistic. They do in some degree reflect the value of the professional services undertaken by pharmacist contractors in the health service.

The current fees paid for rota duties are without any relationship whatsoever to the costs of merely keeping the pharmacy door open, never mind yielding any return on the transactions. It has long been evident that the meagre container allowance was not in line with acceptable standards of pharmaceutical practice and we are pleased to note that the new figure is stated to cover the cost of bottles for tablets. The 2s. fee for "professional services" is a reasonable and not in any way exorbitant demand. [Like Mr. Hackney, we prefer that description to "dispensing fee."] Far too many have regarded the fulfilling of a prescription as an "order filling" operation, disregarding the professional responsibilities involved.

The Ministry cannot in any way object to the stiffening of attitude now to be adopted by the contractors and their representatives. To have imposed in the Drug Tariff a series of "notional prices" for drugs without the approval of the contractors' representatives was an action that in retrospect will in our view prove to have been sadly misguided. To amend the Drug Tariff by use of notional prices, so that the Drug Tariff prices for about 160 items are no longer comparable with those shown in manufacturers' lists, represents a significant departure from past practice, and to have imposed it unilaterally changes fundamentally the basis of the contractors' arrangements. The Drug Tariff "notional" prices are only fair to the "hypothetical average chemist "-who just doesn't exist-and to the Exchequer.

In putting forward their new demands, the Central N.H.S. (Chemist Contractors) Committee has, we believe, accurately translated the mood of all contractors. It now remains for the Committee to receive full solidarity and support in any action its members decide to take.

It may well prove that the Minister of Health (Mr. Enoch Powell) will come to be regarded by future historians as the man who united the pharmaceutical profession.

Price-cutting Theories That Collapse

THAT enforcement of individual resale price maintenance should be made subject to Part 1 of the Restrictive Trade Practices Act, 1956, is recommended in Hobart Paper No. 11 " Not Enough Competition," recently published (Institute of Economic Affairs, 66A Eaton Square, London, S.W.1, price 3s. 6d.). The author (John Heath, lecturer in economics at Manchester University and at present studying in the U.S.A. on a Rockefeller Foundation scholarship) apparently accepts without question the arguments of Professor Yamey in a previous paper in the same series, in which the professor condemned resale price maintenance. We regard it as in the highest degree unsatisfactory that those arguments should be reiterated and even extended without making any attempt to substantiate them. They invite challenge at all points, and fortunately there are critics who are ready to make it. At the annual conference of the National Chamber of Trade at Southport recently, Mr. Stanley W. Perring, in a reference to the series of Hobart Papers, said: "It would seem that society has bred a strange new world of supermen and superwomen capable of writing papers on subjects about which they have very often not obtained the full facts, and base their arguments on theory alone." "Righteous authenticity" was the apt phrase he used to describe the atmosphere those publications, with the academic-sounding title of their publishing body, are too inclined to impart. Expressions of opinion written with such an air of assumption might all too easily become a blue print for legislation. The retail pharmacist himself should become thoroughly acquainted with the booklet "Shops and Prices—Inquiry into Resale Price Maintenance" by Frank A. Friday, which we review on p. 624.

Arguments based on real trade experience need to be put just as forcefully and just as frequently, and worth-while effort is being made in that direction by the Resale Price Maintenance Co-ordinating Committee. It is still up to those, such as retail chemists, who come in contact with the members of the public over the counter, to make their own contribution. That can be done by reminding customers that the high standards they have come to expect depend upon branded goods selling at the same price all over the country, and that the advantages held out by such economic theorists as Yamey and Heath are either illusory or short-lived.

Some incentive may be found in the admission by Mr. Reginald Maudling (President of the Board of Trade) in a written answer in the House of Commons on June 8 that, although the inquiry into resale price maintenance was well advanced, it was not yet complete, and he could not say when he would be in a position to make a statement. Pressed by Mr. F. Noel-Baker, Mr. Maudling agreed that a decision should be reached quickly and added, "I have been more and more impressed by the complexity of this argument and I wish to get all possible information before reaching a decision." If the Minister is beginning to realise that the problem is a complex one then there is a hope that he will encourage his department to pay greater attention to those who have had real trading experience, rather than to the theorists.

Onward from Galen

THOSE who elect others to act for them in high places do not often appreciate the responsibilities they are thrusting upon their representatives. Nor do those who aspire to office realise the problems that may be put before them.

$$\left(\frac{\sum_{i=1}^{N}\frac{1}{2}\frac{1}{2}\frac{1}{2}}{\sum_{i=1}^{N}\frac{1}{2}\frac{1}{2}}\right)^{2} \left(\frac{\sum_{i=1}^{N}\frac{1}{2}\frac{1}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}\frac{1}{2}$$

statisticians some time during the protracted discussions between the Ministry and the Central N.H.S. (Chemist Contractors) Committee. The objective—to ascertain if the low response to the dispensing costs inquiry during 1958 could be regarded as a representative sample.

We are certain that the members of the Central N.H.S. (Chemist Contractors) Committee, when they first took office, did not anticipate that they would have to cope with such statistical formulas produced by the Ministry's statistician as the one reproduced here. It is shown not only as an indication of the rarefied atmosphere of some high-level discussions, but also as a reminder of the debt contractors owe to those who have laboured so patiently on their behalf.

REPORTING in the Oldham Chronicle on a recent "round up," concerned with Oldham's shopping services a contributor reports that in the case of the first chemist which he visited:

"The shop was crowded but the nimble-fingered girls worked quickly. They were hampered by having to wrap articles in brown paper, then fuss about sticking them with adhesive tape. On average, this wrapping took almost a minute for each customer. Bags might have cost the chemist more—but his service would have been vastly improved."
At "Chemist No. 2," he found the service "really speedy,

most of the items sold were small and instead of fumbling with wrapping paper, the assistants just popped the purchases into paper bags."

A FIRM of dispensing chemists with their own farm for growing lavender must be unique, at least in the United Kingdom. The only such business we know of is that of Perks & Llewellyn, at Hitchin, Herts, the proprietor of which is Miss V. E. Lewis, F.P.S. One of the employees on the farm is Mr. James Hyde, who for the past fifty-five years has worked in the lavender department. Now aged eightyone, Mr. Hyde still performs the operation of taking lavender cuttings-about 1,000 of them in 1960. Mr. Hyde, described by Miss Lewis as "a wonderful worker and a friend of everyone," recently received the long-service medal and certificate of the Royal Horticultural Society.



Is it "incompatible" with ethics to sell medicines direct to the public? A writer in Medical Press contends that it is. As the opinion of one man we must accord it the same tolerance as is given, to make life bearable, to all kinds of odd viewpoints, however unrealistic. What we are entitled to object to is that he argues from the use of the term "ethical" by some manufacturers to describe medicinal products not advertised to the public. He is taking to task a correspondent to our own columns, who criticised a particular product for over-the-counter sale that

was labelled, among other things "It is dangerous to use except under medical supervision." He writes "Surely the writer must have realised that ethics and the sale of drugs or medicines direct to the public are, in his own term, 'incompatible.' The manufacturers themselves certainly realise it; they describe their products as 'ethicals'—and the rest.' We should have expected any writer in a medical periodical to know that "ethical" in that connotation had nothing to do with abstract morality but everything to do with the professional code of his own readers, assuming them to be medical practitioners. He has allowed himself to be hypnotised by a word, and should rouse himself from his trance.

100 YEARS AGO

TWENTIETH ANNIVERSARY

From the C. & D., May 15, 1861

THE twentieth anniversary of the Pharmaceutical Society was held on the fifteenth instant, the day following the conversazione reported in our last. We are glad to notice that the Council propose taking a more enlarged view of their position and responsibilities. From the able address of the President we quote the following passages:—
"One of the great objects which Mr. Jacob Bell early and most anxiously sought to attain, was to bring together all the respectable members of our body so as to form the foundation of his edifice, but great difficulties were experienced with many who could only be induced to look at the immediate profit-and-loss view of the matter, and with this class protection from some real or apprehended evil, and not science, was the point upon which the most successful argument could be founded. Time, however, which in its progress enlightens most men, is gradually, but firmly, convincing them that connexion, however slight, with the higher objects of a greater Society is likely to prove a source of profit, by giving tone and respectability to the holders. It is therefore to be desired that men of this class, whose age, respectability, and long connexion with the trade, ought to have ensured their being numbered with the founders of this Society, should be now brought into union with us. I believe that some of these gentlemen were originally deterred from joining the Society, not certainly by any want of qualification, but probably by a sort of conservative feeling which kept them aloof from the more active spirits of the day. It is satisfactory to find that now the desire to units and an operate is proposed. the desire to unite and co-operate is mutual. The proposal made to open again the doors of the Society to men of this class, has given alarm to some of the most zealous of the supporters of eduction among us, and has also been viewed as an act of injustice to our original, and also to examined Members, but I have no fear that, under the proposed arrangement, the Council would admit to membership and a specific and admit to membership and a specific a ship any persons who would reflect discredit upon the body, or who could not have claimed admission equally with ourselves had we obtained a compulsory Act of Parlia-

ment."

"It cannot, however, be supposed that men of long standing in the business, however well qualified, would readily submit themselves to this test (examination), neither

could we in justice call upon them to do so.'

'In the distribution of the Benevolent Fund some painful cases occasionally occur, in which the Council find them-selves unable to confer relief where it appears to be most urgently required, in consequence of the restrictions imposed upon the distribution of the fund by the provisions of the Charter, which cannot be altered. One of these provisions is to the effect that the Fund shall be applied only for the relief of distressed Members, while it often happens that the very pressure of distress may have deprived a Member of the means of continuing his connexion with the Society, and at the same time of his claim for relief from the Benevolent Fund, under the restriction adverted to. It is a question whether an additional fund might not be established in connection with the Society for the relief of such

cases. I offer this as a hint for further consideration."

This is as it should be. The days of monopoly are over, and nothing is to be gained by exclusion and isolation. The Chemist and Druggist has always advocated the true interests of the Society, which consist in widening in every possible legitimate direction the basis of its operations, and we therefore trust that the suggestions quoted above will

be carried out.

Irish Drug Association

ANNUAL MEETING IN DUBLIN

REFERENCE to the difficulties which he Irish Drug Association had earlier n 1961 in connection with price reluctions for antibiotic preparations was made by Mr. A. C. HENNESSY (president), at the annual meeting of he Association in Dublin on June 5. Mr. Hennessy said that many chemists in the Republic had been let down reated them differently from chemists badly in Northern Ireland and Great Britain.
He went on to declare that a new
Association of Importing Pharmaceutical Manufacturers, formed in Dublin to cater for pharmaceutical firms such as those interested in the antibiotic price reductions, would be made aware of the feelings of members in regard to those prices. The Association of the British Pharmaceutical Industry in London had been contacted by the Association on the matter, and a reply had been re-ceived that because of the Restrictive Trade Practices Act in England, they could not give directions to members regarding rebates.

Chemists' Dependence on Organisations

Reviewing the year's activities, the president said that retail chemists were becoming more dependent on their own organised bodies such as the Pharmaceutical Society of Ireland and the I.D.A. to protect their interests. The continued interference of the State made that more necessary than ever, and the growth of small or large but vociferous organisations, such as housewives, farmers, and different employees' unions and guilds, made it imperative for chemists to stick together. "To 'go it on your own' and not support your own confrères weakens the combined as well as the individual effort. Nowadays the power of big companies and advertising are also vested interests, which require an active trade body to protect you," said Mr. Hennessy. The rebate system, so long established by the Association, was now being investigated by the Department of Industry and Commerce at the instance of O.E.E.C., in order to see its effect on free competition and its possible classification as a restrictive practice. "Unity, it is evident, has never been more required." In that respect the Association was the envy of other trade bodies. Having referred to the celebration of the golden jubilee of the Association with a special dinner in Dublin at the beginning of 1960. the president said that was no doubt that retail pharmacy had, in the fifty years, improved its position considerably in both professional and commercial status. A chemist today was "definitely more a personality" than his forefather of fifty years ago, and for that the best thanks of the present generation were due to the founders of the I.D.A. and their successors, to-gether with those of the Pharmaceuti-cal Society of Ireland, who carried on the good work throughout the years.

The president regretted that, in spite of interviews with representatives of

some manufacturers and distributors, products that had been placed on the market in the first instance through the prestige of chemists were still being distributed to grocers and hucksters. Sometimes such widening distribution did not affect chemists so much, but when distribution took place through cut-price channels, then chemists found themselves in an invidious position.

Declaring that the chief work of the Association was the circularisation of prices, Mr. Hennessy said that anything affecting that end of their activities was most serious. The cutting of prices by non-chemists could be most tempting to follow, particularly when their members had, in August 1961, most unfortunately become the victims of newspaper publicity in regard to their prices. That unfair publicity had developed so much that questions had been asked in the Dail concerning chemists and their charges for prescriptions, etc. The Minister had later publicly stated that he was satisfied no undue profits were being made by chemists. complaint of most newspaper articles had been in respect of the differences in some English and Irish antibiotic prices. In interviews which the Committee had had with officials of the Department, they were able to satisfy the Department that chemists were not responsible for those differences, or for making or maintaining the prices. The fixing of prices had been done by the manufacturers, mainly American in origin.

The differences in prices for those few medicines had raised the point that there were also differences prices for baby and invalid foods. That might lead the Committee to accept the same trading terms which Northern Ireland chemists had accepted rather than again risk being pilloried in newspapers. Friendly relations and co-operation continued to exist between the Association and its sister organisations in Northern Ireland, England, Scotland and Wales. When the Press had featured the prices issue the Ulster Chemists' Association had requested members to honour the code of prescriptions of chemists in the Republic. It was unfortunate that a similar request could not be issued by the N.P.U. to chemists in England, but members had been indirectly reminded of the plight of their Irish colleagues.

Baby Foods Distribution

Dealing with the distribution of baby foods confined to chemists, in sparsely populated areas, Mr. Hennessy said the matter had raised some problems for the committee. To yield on any altered distribution issue for one manufacturer unfortunately meant that every other firm "came tumbling along seeking similar alterations." Several meetings had taken place with the Department of Health for the purpose of seeking improved terms on the maternity and child health services regulations. The Association had undertaken all that work, including

payment of postage, on behalf of the State and of Irish chemists, but had received no remuneration. A suggestion had been made by departmental officials that they should approach the County Managers' Association in an effort to get County Councils to pay for the work. A standard prescription form, suggested by the Association would shortly be used for all mother-and-child prescriptions. Local Associations would have to negotiate individually for an increased price for the maternity pack, and it was hoped that a 2s. increase might be in operation within a short time in most centres.

Meetings had taken place with the Wholesale Drug Federation of Ireland to discuss staff purchases, long closure by the wholesale houses during Easter and Christmas, and distribution leakages. The wholesalers had contended that control in those matters was difficult. Cash or staff purchases by relatives or children in Dublin of country chemists were controlled to some extent.

A Union Matter

The matter of closing at holiday periods was purely a Union matter. During the year the Association had made approaches to the Irish Medical Association with a view to closer understanding, but it had not been possible to create that liaison, which many thought would benefit both professions. The matter of opening a depôt in Dublin at which chemists could obtain broken bulk had also been reviewed during the year, but no action had been taken as the question of the infringement of manufacturers' patent rights came into consideration. Also considered was the question of framing a standard price for barbiturates and it was hoped that such prices might be circularised later.

Mr. Hennessy said that good work continued to be done by the chemists to improve the position of local associations. Delegates' meetings had been instrumental in stimulating greater interest by members in their profession, and many valuable ideas had emanated

from them.

Mr. Hennessy appealed for a continued united stand not to allow discount facilities to members of any guild lists or such bodies. The Association's legal advisers had stated that the rules could and should now be so amended and brought up to date. In the autumn of 1961 the Committee had met the employees' union and discussed the matter of shorter working hours, and recently had received a letter from the Union seeking an increase in wages on behalf of its members. The increase sought was 60s. a week on all points of the scale set out in the national agreement, it being claimed that current wages did not comply with rates paid to workers in trade and industry who had less responsibility and had not to maintain the same standards.

Concluding his report, the president paid tribute to the work of the

secretary (Mr. B. R. Smith) and his staff. Proposing the adoption of the president's report, Mr. D. J. KENNELLY described it as a "comprehensive and fine one." He was sorry that so many members had not had the opportunity of listening to it. There were plenty of ills in pharmacy—some of them serious-and the easiest way out was to blame the I.D.A. The members present were those who came year after year and devoted a tremendous amount of time to the welfare of pharmacy. One of the best things that had happened in the organisation in the past few years had been the development of close relations between local associations and the parent body. Mr. Kennelly referred to the "vicious practice" creeping into Irish pharmacy of offering tooth-paste for sale at cut prices. If they cracked within themselves on that issue it would be "tremendously serious." Mr. D. McHugh seconded the proposal, which was adopted unanimously.

Subscription Increase

The report of the treasurer (read by MR. THORNTON in the absence of Mr. D. J. Murphy) disclosed that the Committee had agreed to increase the annual subscription to £5 5s. from January 1. That would help to offset the loss of £825 incurred in the year's activities. Advertising in the index report had shown a drop of £71 on the previous year, but sales to hospitals and manufacturers of the index had shown an increase of £28. About 300 more price changes had been sent out compared with the previous year.

compared with the previous year.

On the motion of MR, T. R. MILLER, seconded by MR. W. FERGUSON, the re-

port was adopted.

Miss Anne McNamara (outgoing auditor) was re-elected on the motion of Mr. A. Deegan, seconded by Mr. G. C. O'Neill.

On the motion of MR. M. COSTELLO, seconded by MR. W. FIELDING, it was agreed to amend rule 9 to allow for an increase in members' subscriptions to

£5 5s. annually.

THE PRESIDENT announced the result of the ballot for officers, which showed that the following retiring members had been re-elected to the executive committee: Messrs. P. A. Brady, W. J. D'Alton, J. Gleeson, W. A. Fielding, A. F. Thornton, H. W. Ferguson, and J. E. Fox. MR. MILLER suggested that the record of past attendances by members at meetings should be circularised with the nominations, but THE PRESIDENT said he did not think that would be fair to country members, who were handicapped in the matter of travel. MR. COSTELLO said that provincial representatives attended quite a number of meetings of local associations in the country for which they would not be credited. It was agreed not to circularise members' attendances.

MR. R. C. HIGGINS said the question of wages settled itself, as there were no assistants available and he thought it would be futile for them to discuss the matter. In the coming year there would be so few assistants available that chemists would be glad to get them "at any price." While he would be one of the first to pay the increased subscription, he thought the printing

of the price changes created a big drain on their resources, and he suggested that, for the £5 5s. every member should get a copy of the Irish Chemist and Druggist. If price changes were announced in that journal he believed it would be sufficient, and would also cut down expenses. Mr. O'Higgins said he would also favour a small levy on every prescription priced by the prices bureau. That might be a way of overcoming the drain on their re-That might be a way sources until the Department of Health thought fit to pay them for the work they were doing for them. He advocated the holding of trade seminars along the lines of those held by other associations. Perhaps, he suggested, the Pharmacy Week Committee could arrange such sessions. Mr. O'Higgins said that some members felt they had not yet reached the crisis in price cutting—the full impact had not yet been felt in some country areas. They should adopt a more positive attitude. In 1960 a certain firm had introduced three new lines, each of which was put through the chemists. Had the chemists not accepted those lines he believed they would never have got on the Irish mar-ket. Recently he had discovered that they were not confined lines. He added that they should have regular notes accompanied by a statement indicating which lines were not confined. "I think it would be a warning to chemists not to stock them." He added that one of the troubles in pharmacy was that members were not, or did not want to be, well informed of what was happening. Mr. D. J. Browne agreed that there should be a charge for prescribing, because the pricing of commodities involved a lot of labour. That would leave the secretary more time for other work. Several cosmetic price lists were not made available freely to all members. One or two members of the committee had stated that, if those goods were made available freely, they would resign. He thought it might be a good thing if they did, because members generally did not seem to be get-ting equality when they were on the committee.

Tribute to Committee

MR. KISSANE paid tribute to the Committee for the work accomplished during the year, and said that Mr. Hennessy by his attendance at local association meetings throughout the country, had stimulated interest in the work of the committee.

MR. MILLER said that, though the essence of pharmacy was dispensing, they were losing money "hand over fist" on it. He hoped the Committee would pay attention to that "fantastic situation." He did not know of any government department that could refuse a person the right to earn a livelihood, yet that was exactly the situation in pharmacy at present. They were worried about selling things instead of concentrating on the essentials of committee had given any consideration to the fact that the Republic was about to join the Common Market, and the effects that would have on the pharmaceutical profession and the free flow of products?

MR. M. J. CAHILL said the burden of

legally covering pharmacies was falling more and more on proprietors. Many shops were depending solely on proprietors for coverage, which meant that they had to spend a great deal of their time in the shop. Several proprietors were concerned at the fact that hours were getting longer and something would have to be done in this "five-day week age." The Committee would have to recommend closing on bank holidays, particularly in the Dublin area.

MR. O'HIGGINS asked if the Association had done anything about the dispensary system, or made any efforts to get the prescribing carried out at dispensaries brought back to the retail pharmacies? Recently a pharmacist in a dispensary told him he had got a prescription twice in one day for 100 Achromycin capsules. The doctor evidently knew the patient would not be paying for them, but forgot that he himself was paying a share for them as well as all the other chemists. If they did not do something about that as a pharmaceutically interested body they should at least do something as ratepayers.

Names on Ballot Paper

MR. O'HIGGINS said he would like to see the names on the ballot paper appearing in alphabetical order as it militated against a new candidate having his name at the bottom of the list.

THE PRESIDENT, replying, said he was in favour of constructive criticism. He endorsed the complimentary remarks made about the country associations, and said that in his travels he had received invaluable help from those The Association intended to bodies. take up the question of gift schemes and see what could be done to prevent it. The suggestion to insert price changes in the *Irish Chemist and Druggist* was novel, but one snag was that if a list were issued the day after the journal had gone to press they would have to wait for over a month to get it published. Touching the levyon-prescriptions suggestion, Mr. Hennessy said the difficulty would be collection. He was glad to see that members were "holding solid" on the price cutting issue. In that respect they were the envy of every other Association in the country. They could not legally attack by boycott firms whose goods were price-cut. If they were to attack every firm whose products went into price-cut shops they would be left with few friends.

Regarding the matter raised by Mr. Browne, concerning a certain commodity not being made freely available to all pharmacists, THE PRESIDENT said that Mr. McAuliffe had made it clear in 1960, and he would like to repeat it, the Association could not or would not take sides on that issue. No matter which side they might favour it would only split the Association. As an association they would have to drop that matter once and for all. The Association was hoping to start a pilot scheme in Athlone to prove they could operate a dispensary system more efficiently, and possibly at not much extra cost. Statistics were still being compiled. Without them Government departments would not listen. It was in the

ights" of every Committee, every ir, to try to do something along se lines, as the present system was ne of the greatest iniquities in pharcy." With regard to the I.M.A. the sident said they had tried their best secure greater liaison, but without cess.

Five years ago Mr. O'Higgins had en one of the people in favour of present system of putting names on ballot paper, which was the same that operated by the Pharmaceutical ciety of Ireland, and a number of her old Societies. He agreed it was an vantage to the outgoing panel, but ybody who had worked for four or ore years on a Committee deserved me recognition for his services. The habetical order was a disadvantage the man at the bottom, and was unr on that account.

Mr. O'HIGGINS said that all he had reed to five years ago was the abo-

ion of the proxy vote.

THE PRESIDENT said the minute of it year agreed with the present sysn. He added that they would look to the question of increasing dispens-The committee had not yet s fees. The commune had he oked into the possible repercussions Market. entry into the Common Market. ading hours were a matter for the fferent local associations, and the nk holiday question would have to settled locally by arrangement.

SLIMMING FOODS

Consumers test report FTER examining brands of slimming

od substitutes on the market the Conmers Association, Ltd., have come the conclusion that "the long-term lution to problems of overweight ust be reforming one's habits per-anently by eating much less carbo-ydrate." The five products investigated ere Metercal, Dramal, Nenocal 900, uota and Complan, and reported upon the June issue of the Association's rurnal "Which?". Three basic reuirements of a slimming diet were osited. First, that it should result in a loss of weight. e loss of weight. The Association say ne loss of weight. The Association say nat the five products investigated ould do that if they were the slimier's sole food, as a day's supply continus fewer calories (900–1,000) than ne body utilises. Secondly, it must apply all the basic nutrients. All the ve slimming foods investigated satisted the British Medical Association's ninimum requirements for protein, nineral and vitamins. However, as a liet of "slimming food" is so bland a possibly to cause constipation. s possibly to cause constipation,
Which?" suggests that additional
oughage may be needed, and adds
take care to brush your teeth and
nassage your gums particularly strenuusly so as to make up for the lack of mything to chew." The third demand s that the preparation should result n a permanent loss of weight.

Which?" states that none of the
limming foods tested did that, and hat, once off the diet and back to nor-nal food, the ex-slimmer would not necessarily have reformed his eating habits, and might return to eating too much carbohydrate. The products investigated would, it was thought, help a limmer to eat less for short periods.

The five products were all closely similar in composition. Complan, which costs 2s. 1d. for a day's supply (against 6s. 6d., 7s. 6d. or 8s. 6d. for the other products), was considered to offer the best value for money

EXPANSION PLANS

TWO leading French chemical firms -Rhone-Poulenc and Progil-are to form a joint company to produce and sell acetic acid and other aliphatic acids. The company, called Société Rhone-Progil, will build a plant at Pont-de-Claix, south-east France. It is scheduled to start production towards the end of 1962.

HEDON Chemicals, Ltd., have recently completed substantial extensions to their vinyl acetate plant at Salt End,

nr. Hull. The plant is situated on the 100-acre site owned by the Distillers Co., Ltd's chemical division. (Hedon Chemicals is jointly owned by D.C.L. and Shawinigan Chemicals, Ltd., Canada). The vinyl acetate plant was initially commissioned in September 1956 and the recent expansion will increase the original productive capacity by approximately 60 per cent.

GRANGE Chemicals, Ltd., announce that their new plant for the manufacture of about 15,000 tons a year of phthalic anhydride will be built at Hull. A site has been selected adjacent to the Salt End chemical works of the Distillers Co., Ltd., chemical division, who will operate the plant on behalf of Grange. The plant is expected to be commissioned during the second half

A NORWICH CAN-MAKER EXPANDS

Production geared to 30 million units a year

THE works of J. Billig & Sons, Ltd., at Salhouse Road, Norwich, have been completely reorganised to give maximum utilisation of labour in the production of the company's range of canada containers. These was in case and containers. Those vary in size from a ½-pint tin to a 5-gall. drum, and in shape from round to rectangular.

Normal production at present is geared to around 30 million units a year. The company's field of operation is, of course, fiercely competitive. The tendency has naturally been to con-centrate on standard heights and diameters as well as standard closures for their round cans so that the most economic use may be made of their seven automatic production lines. However, the customer who may require a non-standard container is not neglected. To produce those containers there are large and small hand-lines. A system of "slip" crews has been devised so that the operators are capable of working more than one line and can be switched at short notice.

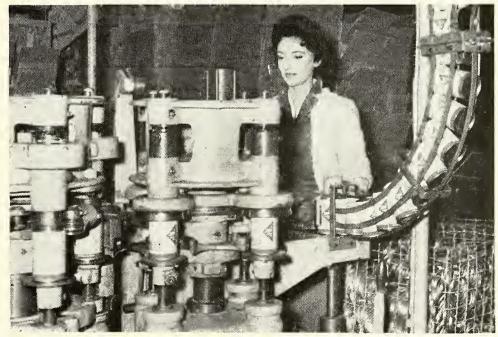
The tin plate (of which a four months' supply must be kept), is

stacked in a store room in which a new heating system has been installed. strict watch is kept on the humidity of the store, which is maintained around 70° and never exceeds 80°. Adjoining the store is the print shop which houses two printing and one varnishing machines.

The company recently installed a new automatic printing machine which, though not so fast as some, was chosen because it gave a greater depth of col-our and a better quality print than others. On the automatic printing lines the required colours are applied to the plate by high speed presses after which the sheets are passed through a stoving oven. Afterwards they are cooled and automatically removed from the conveyors and stacked ready for call up by the factory.

Messrs. Billig have been members of Metropole Industries, Ltd., since 1957. Another member of the group (I.V. Pressure Controllers, Ltd.) designed and built a special test rig which gives an audible and visible alarm if a can is

defective.



A double-seaming machine attaching bottoms to a batch of sodium chlorate weed killer cans. On the right the can bodies descend a stocking feed and are shuttled on to the seamer.

Solidarity the Keynote of the Conference

PHARMACEUTICAL COMMITTEES BACK HINT OF SANCTIONS

AS briefly reported in these pages last week (C. & D., June 10, p. 587) a national conference of representatives of pharmaceutical committees in London on June 7 instructed their negotiators to hold out for a 2s, dispensing fee and other safeguards of their economic and professional status. Before they voted for the resolutions they had heard a statement by the chairman of the Central N.H.S. (Chemist Contractors) Committee (MR. G. H. M. GRAHAM).

"Not Prepared to Proceed"

Mr. Graham recalled that, at a meeting of chairmen and secretaries of Pharmaceutical Committees held on March 15, he had spoken of arrangements for a talk at the Ministry on the following day. "The Ministry officials tried at the outset to involve us in discussions on what they described as a 'compre-hensive three-part settlement,' that is, a profit margin of only 3³/₄d., a reduction in the overall percentage rate of oncost and a differential rate of oncost allowance. We told them that we were not prepared to proceed with discussions on that basis." The first thing to be de-The first thing to be decided was what should be the overall net profit to chemists. It was for the chemists themselves to decide the method of dividing the overall total between fee and oncost, and between contractor and contractor, and that could be dealt with subsequently.

"The Ministry did not, of course, accept this view. We were told that the method of distributing the overall remuneration was a matter that was not solely the responsibility of one side. The Minister had a duty to Parliament to provide a system of remuneration which he could defend in Parliament as fair and reasonable." The officials had then said that they would submit a full report to the Minister and would get into touch again with the Central

N.H.S. Committee.

A further informal meeting was held on April 26. At that meeting the Committee was told that the Minister had agreed there was a case for waiting until the effects of the increased prescription levy charge could be assessed before continuing the negotiations on remuneration, but could not agree that six months was a necessary period; three months was considered sufficient. The Ministry was therefore prepared to wait until towards the end of July by which time figures for March, April and May would be available, before continuing the discussions on remuneration, provided that certain conditions were accepted. The conditions were that small number of representatives should continue to meet officials of the Ministry as frequently as possible to discuss the various points outstanding between them, and that the Committee should agree to a "closing of the hidden profit gap." The main outstanding points were:

(1) what should be the level of profit;
(2) the Ministry's proposal to "offload" a portion of remuneration from the oncost allowance to the dispensing fee;

(3) the Ministry's proposal to introduce a differential scale of oncost:

(4) certain points of detail in connection with the bringing up-to-date of the 1957 inquiry figures;

(5) the setting up of a small working party to consider how to obtain up-to-date information about facts relating to chemists' remuneration, so that remuneration could be kept under continuous review.

reimbursement, the N.H.S. Committee was told that the Minister had come to the conclusion that there was no case for postpone-ment. In his view the increased prescription charge was unlikely to have any significant effect upon the prices paid by chemists for standard drugs and, accordingly, it was necessary to revise Drug Tariff prices in order to wipe out the balance of £167,000 of the so-called hidden-profit gap. The Minister was, however, prepared to round that down to £150,000 as a minor concession. "We told the officials that the Central N H S told the officials that the Central N.H.S. Committee could not agree to any reduction in Drug Tariff prices. Chemists remuneration had already been adversely affected by the imposition of the increased prescription charge, and any further reductions would undoubtedly mean a further cut in remuneration no matter how they were described. There was already extreme bitterness amongst chemists and any further cuts could have a disastrous effect." The Accountant-General, who was present at the meeting, pressed the Committee to agree some figure for adjustment, even if it were somewhat lower than the figure for which the Minister asked. We said that we could not agree any reduction. We were then told that our views would be reported to the Minister but he might well decide to make reductions in Drug Tariff rates forthwith.

What Happened Next

They all knew what had happened subsequently. The Accountant-General had written saying that the Minister did not feel he could be influenced in fixing Drug Tariff rates by considerations that were, in his opinion, not relevant to the determination of those rates. Although he accepted that there was evidence of a reduction in the number of prescriptions in the first month since the increase in the prescription charge, he could not agree that there was prima facie evidence that the gap between Drug Tariff rates and payments had been effectively closed. The Minister's conclusion was that he would not be justified in regarding the over-reimbursement as entirely eliminated. After taking into consideration the views that the Committee had expressed on April 26, however, he was willing to limit the adjustments to the Tariff so as to secure a net recovery of a further £100,000. The Accountant-General sent with his letter a schedule of the individual adjustments that the Ministry proposed to incorporate in the June

issue of the pricing charts. They would know from the circular letter that was sent out on Thursday of the previous week, said Mr. Graham, what the adjustments were. That letter clearly indicated, to the Committee's way of thinking, that the Ministry were not prepared to negotiate in the true sense of the word. They wanted only to dictate. The letter also indicated how the Ministry could change their tack completely when it suited them. In the past, chemists had been told that oncost and dispensing fee must be looked at as a whole. Changes in the basic prices for standard drugs were, of course, reflected in oncost on this occasion, because it suited them, they completely ignored the view that they had advanced in the past.

Unanimity

The receipt of that letter was reported to a meeting of chemist-contractors covering the whole of South Wales, the Midlands and part of the West Country held at Malvern, and those present had decided, without a single dissentient, that "the Central N.H.S. Committee should press, by all available means, for an early, honest settlement of our just claims for increased remuneration for professional services." "Notice the wording," urged Mr. Graham, "'Early'—negotiations have dragged on and on in the past. 'Honest'—have the Ministry always been honest with us in the past? 'Just'—our claims are reasonable, equitable and justified. 'By all available means'—all available constitutional means is no doubt intended.

As the Committee had pointed out on the draft sheet circulated with the agenda, the Central N.H.S. and Pharmacetutical Committees and chemists generally in England and Wales had consistently, since 1948, co-operated with the Ministry, and a first-class pharmaceutical service had been provided. The attitude adopted by the Ministry recently, and increasing unrest amongst chemists in England and Wales, pointed to a need for a complete re-examination of the position. The Minister wanted his officials to continue to "negotiate" (in the sense of the word understood by the Ministry). The likely outcome of continued "negotiation" was an overall saving to the Exchequer through the introduction of a differential scale of oncost and the setting up of a machine for keeping remuneration under continuous review that could be used by the Ministry as a means of "gumming up the works completely."

It had been said that the best method of defence was attack. He wanted to make it clear that the Committee was not adopting that policy. They sincerely believed that chemists had been too tolerant for too long. They had not maintained their position in the economic structure of the country as a whole. All of us—chemists, Pharmaceutical Committees and the Central N.H.S. Committee—were to blame. "We have thought in terms of decimals of a penny for too long" declared Mr.

Graham.

The Central N.H.S. Committee pro-osed that, immediately after that Conrence, a claim should be lodged with e Ministry for:-

(a) An increase to 2s. per prescription in the dispensing fee, the oncost to remain at 25 per cent.;
(b) An increase to 2½d, in the contraction

tainer allowance;
(c) An increase to 10s, 6d, in the "urgent" fee where the chemist turned out to dispense an "urgent" prescription after 11 p.m., and to 3s. 6d. where an "urgent" prescription was dispensed when the shop was closed and before 11 p.m.;

(d) Increases in the rota payments to 15s. per hour for weekdays and 30s. per hour for Sundays and public holidays and the abolition of the half-hour rota in one- and

two-chemist areas.

Immediately after the claim was odged with the Ministry the Commitee would send a circular to all chemistontractors incorporating details of the laims. That was the first step in a ublic-relations campaign which he vould be outlining in more detail.

The Ministry will no doubt ask us o meet them to explain our claims. We hall tell them that we do not intend o try to support our claims by arith-netical arguments conducted in terms of the third or fourth place of decimals of a penny. We will say that 25 per cent, oncost is the lowest rate of profit t which a retail chemist can properly e expected to conduct his business; hat 2s. per prescription represents a easonable fee for the professional disensing services provided by the chemst; that 2½d. per prescription will cover he cost of dispensing all tablets in botles; that the increases in the "urgent" ee and rota payments represent reasonthe increases having regard to what has happened to overhead costs of providing the service since 1948 and to what payments are made to others who are called upon to turn out or to stand by (e.g., plumbers, physiotherapists on call in the hospital service, etc.). The Ministry will no doubt tell us, as they have told us so often in the past, that . no increases in remuneration can be granted unless the case for an increase is proved with facts and figures. ... We know what delays result from seeking to prove a case in this way.... We know—from bitter experience—that

Public Relations

this is the road to no market.

What would happen if the Ministry rejected those claims? First, the Committee considered that a Public Relations Campaign should be launched at the appropriate stage, in order to drive it home to the Ministry, to Parliament, to the Press and to the public generally that the chemist was a hardworking, highly qualified man, without whose professional skills the whole of the N.H.S. pharmaceutical service would break down. Advice had been sought from experts in the public-relations field. The Committee had been advised in detail on the steps that should be taken in a properly conducted public-relations campaign. He did not propose to say what those steps would be, since there was no sense in disclosing in advance

the exact nature of the weapons it was intended to use. A public-relations

campaign was the first step.

Secondly, chemists must be prepared to use the only effective weapon that some Government Departments understood nowadays. They must be prepared to use sanctions. He did not mean a complete withdrawal from service. As matters stood at the moment a complete withdrawal was out of the question. Any attempt to call a total stoppage would, in the Committee's opinion, be doomed to failure. There were other ways, A policy of non-co-operation and of working to rule could be adoptedonce all chemists understood what to do, when to do it and why it was being done.

The important thing was that any action taken must be organised action. That was why he had used the phrase "pharmacists in retail practice." It covcred those working in multiple and cooperative pharmacies as well as those

in private pharmacy.

"We must stick together. We must act together. The Ministry will try to divide us. If they succeed, they will conquer us. Now is the time to take a stand.

MR. R. A. HACKNEY, Stoke-on-Trent, thought that chemists should forget the "dispensing fee" and call for a "pro-

fessional "fee.

MR. R. M. P. WILLIAMS, a London member, said that, in the suggestions put forward by the chairman they were not aiming high enough. The minimum dispensing fee should be 2s., and a

speaker from Birkenhead asked whether the Committee had considered pressing for a system that would cut out oncost in favour of an all-in fee, such as that which opticians received.

MR. C. A. RICHARDSON, Lancashire, said that contractors must start by get-ting rid of the Joint Industrial Council scales, which were not realistic, and then look at the fee from a new angle. It should include an establishment fee.

He supported 2s, 6d.

Mr. J. L. Mansfield, Kent, said that the training of the rising generation of pharmacists involved three academic pnarmacists involved three academic years. The fee should be high enough to ensure that pharmacy had a "career value," and MR. D. C. JACKSON, Staffs, thought 2s. 6d. the amount to go for, on the ground that "the public won't put our value higher than we do." MR. CECIL JACOBS, Leicester, said that Leicester had already imposed sanc-tions. By withdrawing from the pharmaceutical services committee they had made the Ministry see that the testing scheme must be revised, and they now had a small discretionary power.

MR. N. H. LIGHTFOOT, Carlisle, speaking as one of the younger generation, said he hadn't trained as a pharmacist in order to put up with a decimal-point increase. Let the Committee fix a figure from which there should be no retreat, and let them apply sanctions.

Mr. G. J. Hendra, Cornwall, said that contractors should have nothing to do with sliding scales for oncost, which would create divisions among pharmacists.

NOTES ON NEW **MEDICAMENTS**

ADROYD.—Chemistry: 17-β-hydroxy-2-hydroxymethylene-17- α -methylandrostan-3-one, or oxymethalone. This compound is derived from a phenanthrene nucleus, to which androgens and estrogens can also be related. Androgens, in addition to their well-known specific properties, also have an anabolic action, promoting the formation of protein and other tissues. The virilising action of the androgens has limited the therapeutic utilisation of their anabolic properties, but in some newer steroids now available the androgenic powers have been reduced. These modified compounds may now be used in anabolic doses, even in female patients, without significant side effects. Oxymetholone, also available as Anapolon, is such an anabolic steroid; other orally effective compounds include Anabolex (stanolone), Dianabol (methandienone), Nilevar (norethandrolone), and Stenediol (methylandrostenediol).

AMYLOZINE.-Constituents: Amylobarbitone and trifluoperazine in a sustained release form. Amylobarbitone is one of the medium-acting barbiturates and trifluoperazine (Stelazine) is one of the more potent tranquillisers of the chlorpromazine type. The combined drugs offer a balanced action by an effect at both cortical and subcortical levels of the central nervous system. Other mixed preparations formulated on a similar pharmacological basis include Amargyl (amylobarbitone and chlorpromazine). Protamyl (amylobarbitone and promethazine) of barbiturates with amphetamines are represented by Dexobarb, Dexytal, Diesid, Drinamyl, Mylodex and Stimplete.

FEBRAMINE.—Chemistry: 2-N-benzyl-anilino-acetamidoxime, or cetoxime. This compound has powerful antihistaminic properties but differs from most pharmacologically related compounds in having no significant effects on the central nervous system. The sedative effects experienced with most other antihistamines is virtually absent at ordinary dosage levels. Phenindamine (Thephorin) also has an apparently anomalous action, as it actually has a stimulant effect on

the central nervous system.

GINA.—Chemistry: 1:1:1-trisnitratomethylpropane, or propatylnitrate. This substance, also known as Etryit, is closely related to glyceryl trinitrate and has a similar action. Hydrolysis of the drug in the body is slower, and the action more prolonged. Other organic nitrates are represented by pentaerythritol tetranitrate (Mycardol, Peritrate; also present with other drugs in Corangil and Pentoxylon), triethanolamine trinitrate (Praenitrona) and triethanola-mine trinitrate biphosphate (Vasomed). Man-nityl hexanitrate is present with other drugs in Pertenal.

LUCOFEN. — Chemistry: 1-(p-chlorophenyl)-2-methyl-2-aminopropane hydrochloride. This compound has appetite-limiting properties and causes an early feeling of satiety. This effect may be mediated by an action on the ventromedial nucleus, in which case it differs from the effects of the amphetamines and related drugs, which act on another part of the hypothalamus. Locofen has a sustained action and does not cause the restlessness and disturbance of sleep that may occur with amphetamines. Tenuate (diethyl propion) and Preludin (phenmetrazine) are different types of appetite suppressant, also said to have reduced stimulant effects. Durophet is a resin-bonded preparation containing both dextro- and laevo-amphetamines; Dexten is a similar product of dexamphetamine alone. Dexedrine Spansules represent another form of long-acting dexamphetamine. Levonor is a preparation of laevo-amphetamine alginate.

OTOTRANE.-Constituents: Phenylmercuric dinaphthylmethane disulphonate prednisolone and Carpol, dissolved in alcohol. Carpol is an inert carboxyvinyl polymer of high molecular weight and has adhesive properties. Prednisolone is used as a powerful anti-inflammatory steroid, and Penototrane is a wide-range antiseptic which also has antifungal properties. Other aural preparations contain a variety of constituents, but Tympalgin also contains an organic mercurial and Codelsol contains a steroid together with the antibiotic neomycin.

"Silk Hats and Morning Coats"

WELL KNOWN LONDON PHARMACY CLOSES AFTER FIFTY YEARS

THE red and white stickers proclaiming "SALE" and "GENUINE REDUCTIONS" on the windows of J. W. Quibell, Ltd., dispensing chemists, also implicitly announce the imminent closing of the oldest and one of the best known pharmacies in north-west London. The business, which is at 885 Finchley Road, Golders Green, Finchley Road, was opened by Mr. N.W.11, was opened by Mr. J. W. Quibell fifty years ago (in 1911), and since 1938 has been carried on by his daughter (Mrs. A. M. Reichert), However, after repeated offers, intensified in the last two years, from Barclays Bank, Ltd. (who require the property for an extension to their adjacent branch office), Mrs. Reichert has now "with great reluctance" decided to sell. "Banks have more money to spend than pharmacists can earn" was her recent comment.

She herself, as the young Miss Quibell, entered her father's business (largely at her mother's insistence) in 1932. She later qualified at the old London School of Pharmacy at Clapham. Even at the time of her introduction into pharmacy, her father still conducted his business with a formality and an observance of professional etiquette that had already generally yielded to more prosaic methods of transaction. She well remembers, for example, when doctors arrived at the pharmacy in a carriage and pair, wearing silk hats and morning coats. Her father also in formal dress (black coat and striped trousers) would greet them at the door, and business was subsequently conducted "with a dignity befitting both professions."

Traditions Maintained

Brought up with such exacting traditions, Mrs. Reichert has always tried to maintain them in the face of the many radical changes she has witnessed in the profession during the past thirty years or so. Even today the dispensing side of the business has retained a certain amount of its former character, as the possession of such apparatus as suppository moulds, ointment tubes and pill and cachet machines (which up to the last have been in occasional and indeed not too infrequent use) testify.

Since starting on the final "clear about three months ago, many venerable and nostalgic relics have been unearthed from amongst the forgotten accumulations of half a century. Items that draw the contrast more strongly between the two worlds that Mrs. Reichert has bestridden: an impressive, eight-pint, earthenware infusion pot, for example. Its daily use for the production of fresh gentian infusion is well remembered by her. Another find was an elaborate metal and porcelain food-warmer, bearing encouraging and salutary (if not particularly meritorious) verses around the sides! A large collection of medicinal plants was turned up, many in good condition. They were presented to the pharmacognosy department of Chelsea School of Pharmacy.



Sale bills on the windows of J. W. Quibell, Ltd., announce the closing of the business after fifty years.

The now largely denuded stockroom shelves bear occasional dusty pots
and jars, the names of which, in many
cases, would "ring no bell" for modern students and which have probably
been forgotten by their elders. Names
such as "Chelsea Pensioner," Ung.
Calefaciens, Inf. Chiratae Co., and
"Erasmus Wilson's Green Ointment"
—whatever that was!

Situated as it is, across the road from the Golders Green Hippodrome, the pharmacy has always been patronised by theatrical folk, and many illustrious stage names are to be found in the 131 prescription books (containing over half a million prescriptions) which are carefully preserved in the dispensary. Complete examination of the volumes would, of course, entail considerable labour. However, amongst the copperplate pages one can come across such names as Marie Lloyd, Anna Pavlova, Robert Donat, Nosmo King (Vernon Watson), Gertie Gitana, Lily Morris and many more.

With the closing of her shop Mrs. Reichert intends to retire from pharmacy. Her husband (Mr. S. I. Reichert) is managing director of a well known cigar business in the district, the board of which she will shortly be joining. Although we regret with her the passing of a business of the character and reputation of Quibell's, at the same time we take the opportunity to extend our good wishes to Mrs. Reichert on the occasion of her retirement.

INFORMATION FOR MANUFACTURERS

Inhibitor for Aerosols.—Aerosol container corrosion, caused by the reaction of certain ingredients, may now be prevented, through a newly introduced propellent formulation containing a special stabiliser, according to Du Pont's Freon products division. The new compound, identified as Freon-11 S propellent, is regular Freon-11 (trichloro monofluromethane) to which has been added 0·3 per cent, nitromethane. Further particulars can be obtained from the British agents: Brown & Forth, Ltd., 83 Euston Road, London, N.W.1.

Storage Unit.—Designed for the storage of small fragile containers, bottles and capsules, James H. Randall & Son, Ltd., Paddington Green Works, London, W.2, have now introduced a 14-drawer unit to the standard range of Raaco industrial cabinets. This new unit is $7\frac{7}{8}$ in, high x $12\frac{1}{4}$ in, wide x $5\frac{3}{4}$ in, deep and has been specially designed for laboratory or shop counter use. By using sub-dividers, this small unit provides for fifty-four compartments. The drawers are contained in a sheet metal cabinet with a grey hammer finish, and the cabinet itself can be stacked or fastened to the wall.

High-purity Mercury. — Johnson Matthey & Co., Ltd., have installed new equipment enabling them to offer in quantity two grades of mercury for laboratory and industrial use: redistilled mercury with a maximum impurity content of 5 parts per million (mostly copper and silver); and triple-distilled mercury a maximum of 1 part per million. Every batch is examined spectrographically to ensure that the limits are not exceeded. The metal is supplied in 7-, 14- and 28-lb. containers, though other packings can be provided. Full details of prices and deliveries may be had on request to the company at 73 Hatton Garden, London, E.C.1.

Tackling the Effluent Problem. — An arrangement has been made between Head Wrightson, Ltd., and the Alfloc water treatment service of Imperial Chemical Industries, Ltd., whereby the two concerns will collaborate in the assessment and solution of problems relating to treatment of trade and other wastes before discharge to sewers or water courses.

Free-flowing Form of Stearic Acid.—About three years ago Price's (Bromborough), Ltd., Wirral, Ches, anticipated a need for stearic acid in a physical form which could be handled by the modern techniques of "fluidisation." After first overcoming the technical difficulties associated with the "beading" of a wax-like substance, they began to produce stearine beads in 1958 and successfully demonstrated that these could be conveyed horizontally or vertically from silo to hopper, from hopper to plant by air pressure alone. Launched at first exclusively for the rubber industry, the company state that supplies are now increased so that stearine users in any industry can profit from the advantages of the new physical form.

New Silicone Products. — Imperial Chemical Industries, Ltd., Millbank, London, S.W.1, have made some changes and additions to the range of their silicone products. Two new methyl phenyl fluids, named DP 175 and DP 190, have been placed on the development range. The makers claim that the presence of phenyl radicles gives those fluids advantage over the standard dimethyl silicone fluids for certain applications by having greater heat stability and improved compatibility with other materials. DP 175 being soluble in alcohol and certain mineral oils is particularly useful for pharmaceutical and cosmetic applications.



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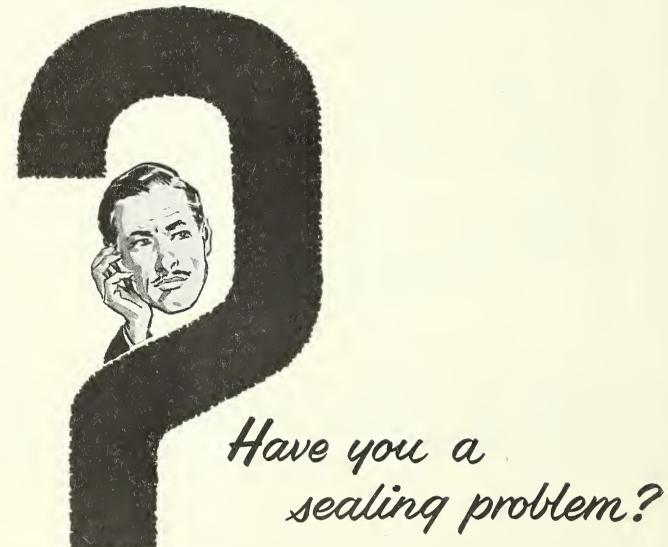
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TRADE REPORT

he prices given are those obtained by importers or manufacturers for bulk quantities or original packages. Various targes have to be added whereby values are in many instances augmented before wholesale dealers receive the goods into tock. Crude drugs and essential oils vary greatly in quality and higher prices are charged for selected qualities.

London, June 14: Trading in most items in the Crude Drugs market vas generally on the quiet side during the week. An exception, however, was rovided by Brazilian Menthol in which quite a fair business was done on the spot, with the result that only small lots now remain.

As new consignments should reach he docks shortly prices were not ffected. Among Aromatic Seeds, the nost interesting development was proided by Moroccan Coriander which, ecause of shortage, was quoted up to 18s, 6d. per cwt., c.i.f., against 92s, 6d. n the previous week. Reports indicate hat the crop had been reduced because of drought conditions during the growing period and heavy rains during harvesting. Fenugreek from Morocco was also dearer. Good quality Alexandria Senna Pods are now available on the pot around 7s, 9d, per 1b, Supplies of Canada Balsam have been cleared and here is no indication of the new crop value although shipment is not likely before August-September.

In ESSENTIAL OILS there were no spot offers of LEMONGRASS while shipment values were lifted by sixpence

er lb.

CHLOROCRESOL is currently quoted at 7s. 7d. a 1b, in 1-cwt, lots or twopence more than recently. Demand for the chemical is reported heavy and supplies ight. ZINC OXIDE was reduced by £2 10s. per ton on June 12.

A number of fertiliser price reductions were announced to take effect on July 1. They include a 12s, 6d, per ton cut in SULPHATE OF AMMONIA.

Pharmaceutical Chemicals

Amphetamine. — One to 10-kilo lots: **Base**, from 140s. to 160s.; sulphate, 110s. to 130s. and *d*-amphetamine sulphate 405s. to 420s.

AMYLOBARBITONE. — B.P.C. is 82s. 6d. per kilo for less than 25-kilo lots and SODIUM, B.P.C., 92s. 6d. per kilo.

ATROPINE.—Rates for 16-oz. (500 gm.):

	per oz.	per kilo		
	s. d.	s. d.		
ALKALOID	39 0	1375 0		
METHONITRATE	39 0	1375 0		
METHYLBROMIDE	38 6	1357 0		
SULPHATE	34 0	1198 6		

BARBITONE. — Less than 25-kilo lots, 53s. 6d. per kilo. Sodium derivative, 56s. 9d. per kilo.

BUTOBARBITONE. — B.P.C., 87s. 6d. per kilo in less than 25-kilo lots.

Chiniophon.—B.P. 1948, 67s. per kilo; 50-kilo lots, 62s. 6d. per kilo. The sodium derivative (B.P. 1953), 99s. 4d. and 92s. 9d. for the same quantities.

Chlorocresol.—Pharmaceutical quality, 7s. 7d. per lb. (1-cwt, lots).

Chloroform.—1-cwt. lots in winchesters, 3s. 4½d. per lb.; 56-lb., 3s. 6d. In drums, 3s. 2d. and 3s. 2½d. per lb. respectively.

CHLOROXYLENOL.—B.P., 5s. 8d. per lb. for 1-cwt. lots: 5s. 3d. per lb. for 1-ton.

Cocaine. — 16-oz. lots, hydrochloride, 91s. 6d. per oz.; alkaloid, 101s. per oz. Subject to D.D.A. Regulations.

CYCLOBARBITONE. — Less than 25 kilos: B.P.C., 73s. per kilo. CALCIUM, 85s. per kilo.

DIHYDROXYACETONE. — Per kilo £9 for minimum 1-kilo lots.

DIPHENAN.—(Per lb.), 55s. 3d. (56-lb.), to 63s. (1-lb.).

EPHEDRINE. — ALKALOID nominally 6s. 6d. per oz., SULPHATE, 4s. and HYDRO-CHLORIDE, 3s. 3d. per oz.

ETHER.—Per lb. in winchesters: TECHNICAL B.S.S., and SOLVENT, 5-cwt., 2s. 7d.; (4s. 1d. per litre). In drums the price is 2s. 2d. per lb. ANÆSTHETIC, B.P., 5-cwt., 3s. 6d.; 10-cwt., 3s.

Gallic acid.—B.P., 10s. 7d. per lb. for 1-cwt. lots. Technical grade, 9s. 9d.

GLYCYRRHETINIC ACID.—Per gm., 2s. 3d. HEXAMINE.—B.P., 1s. $11\frac{1}{2}$ d. per lb. for 1-ton lots, delivered in 1-cwt. kegs. Technical is threepence per lb. less.

HEXOBARBITONE. — 25-kilo lots or over, 115s. per kilo.

HYDROCHLORIC ACID.—B.P., 50s. per cwt. in carboys.

HYDROCYANIC ACID.—Dilute B.P.C., from 3s. 2d. to 4s. per litre, as to quantity; Scheeles from 3s. 10d. to 4s. 9d.

Hypophosphites.—Per lb.:—

	7 lb.	28 lb.	1 cwt.
Guarana a a	s. d.	s. d.	s. d.
CALCIUM, B.P.C.	6 9	0 4	5 11
IRON, B.P.C	13 9	13 3	12 9
Magnesium	II 6	11 I	10 8
MANGANESE, B.P.C.	13 11	13 5	12 11
POTASSIUM, B.P.C.	9 3	8 10	8 5
SODIUM, B.P.C.	7 7	7 2	6 9

ICHTHAMMOL.—B.P. from 2s. to 2s. 6d. per lb. in 1-cwt, lots as to origin and container.

IODIDES. — (Per kilo). Potassium, 50-kilo lots 19s. 3d.; sodium, 24s. 3d. for 25-kilo lots. Ammonium, 44s.

IODINE.—Resublimed in less than 50-kilo lots, 25s. 4d. per kilo. Minimum delivered rate for CRUDE is 17s. 4d. per kilo.

IODOFORM.—Powder (per kilo), 51s. 6d. in 50-kilo lots; less than 50-kilos, 53s. Crystals are 3s. per 1b. more.

KAOLIN.—LIGHT, 60s. per cwt.; 1-ton, 57s. per cwt.

Lactates. — Calcium, B.P., 2s. 3d. per lb. in 5-cwt. lots and 2s. 4d. in 1-cwt. lots; Calcium sodium, 4s. 9d. and 4s. 10d. per lb.

METHADONE.—Subject to D.D.A. 16s. 3d. per 5-gm. pack.

METHYL PHENOBARBITONE.—B.P.C., 95s. per kilo for less than 25-kilo lots.

NARCOTINE.—ALKALOID and HYDROCHLORIDE, 3s. 9d. per oz. (132s. kilo) for under 35-oz. lots.

OPIATES.—Home trade prices (per oz.) subject to D.D.A. Regulations:—

	35 oz. and	Under 35 oz.		
	over	35 OZ.		
	s. d.	s. d.		
CODEINE				
PHOSPHATE	41 0	42 0		
HYDROCHLORIDE	47 3	48 3		
SULPHATE	47 3	48 3		
ALKALOID	54 0	55 0		
MORPHINE				
ACETATE	50 0	51 0		
HYDROCHLORIDE	50 0	51 0		
SULPHATE	50 0	51 0		
TARTRATE	60 0	61 0		
ALKALOID	6I 3	62 3		
ETHLYMORPHINE				
HYDROCHLORIDE	54 0	55 0		
ALKALOID	63 3	64 3		
DIAMORPHINE				
ALKALOID	54 9	55 9		
HYDROCHLORIDE	59 9	60 Ó		

PARALDEHYDE. — B.P. in 12-winchester lots, 2s. 10d. per lb. (6s. 3d. kilo); 10-gall. carboys, 2s. 4d.

Penicillin. — Sodium, Potassium or Procaine, 7d. per mega unit.

PENTOBARBITONE. — Under 25-kilo lots, 115s. per kilo; SODIUM, 120s.

PETHIDINE HYDROCHLORIDE. — Subject to D.D.A. Regulations, 229s. 2d. per 250 gm.

PHENACETIN.—B.P. one-ton lots, 6s. 3d. per lb.; 1-cwt., 6s. 6d.

Phenobarbitone. — Spot rate 50-kilo lots, 47s. 6d. per kilo; 5-kilos, 50s. 6d. 500-gm., 54s. 6d. Sodium salt unchanged at 55s. 6d. per kilo for 5-kilo lots.

PHENOL. — Ice crystals in drums is 1s. 4½d. per lb. (under 1-ton lots, 1s. 7½d.). Detached crystals, 2d. per lb. above and Liquid, B.P., ¾d. per lb. below the foregoing prices.

PHENOLPHTHALEIN.—One-cwt. 9s. per lb. PHOLCODINE.—In 8-oz. lots, 85s. 9d. per oz. (3,377s. kilo).

PHYSOSTIGMINE. — Per gm.: ALKALOID, 14s. 8d. (5-gm. lots); SALICYLATE, 10s. and SULPHATE, 12s. 7d. (25-gm. lots); NITRATE, 1s. 1½d. (500 gm.).

Pyrogallic acid. — One-cwt., pure crystals, 24s. 6d. per lb.; resublimed 26s. 6d.

QUINALBARBITONE.—Under 25-kilos, 130s. per kilo.

RESORCINOL.—One-cwt. lots, 12s. 4d. per lb.

Salicylic acid.—One-cwt., 3s. $4\frac{1}{2}d$. per lb.; 5-cwt., 3s. $2\frac{1}{2}d$. per lb.

SEMICARBAZIDE HYDROCHLORIDE.—Technical grade, 15s. 8d. per lb. for 1-cwt. lots.

STRYCHNINE. — 100-oz. lots; ALKALOID and HYDROCHLORIDE, 10s. 6d. per oz.; SULPHATE, 9s. 6d.

SULPHACETAMIDE.—One-cwt. lots, 24s. 6d. per lb. Sodium derivative, 30s.

SULPHAGUANIDINE. — One-cwt. lots, 11s. per lb.

SULPHANILAMIDE. — One-cwt. lots, 6s. per lb.

SULPHAPYRIDINE.—Five-kilo lots, 120s. per kilo.

Sulphathiazole. — 100-kilos, 32s. kilo; 50 kilos, 33s.

SULPHUR.—SUBLIMED FLOWERS, B.P., £50 ton; COMMERCIAL, £45; POWDER, £19 to £24; PRECIPITATED, B.P., £110; ROLL £24 10s. All ex store.

SULPHURIC ACID.—Ninepence to 1s. 2½d. per lb. in Winchesters.

TALC. — One-ton lots, B.P.C., in kegs, 1s. 2½d. lb. ex works.

TANNIC ACID.—The B.P. levis, ex ether, 9s. 3d. per lb.; B.P. powder, 8s. 9d. (1-cwt. lots).

TEREBINTH.—B.P., 2s. 3d. per 1b.

Theobromine. — Alkalojd in 12½-kilos, 55s. 6d. per kilo; calcium salicylate, 49s.; sodium salicylate, 46s.

THIOGLYCOLLIC ACID. — Basic rates per lb., 97–98 per cent., 26-lb. packs, 15s.; 75 per cent., 11s. 6d. Ammonium thioglycollate, 40 per cent. ph 9·3 (24-lb. pack), 6s. 8d.; Monoethanolamine thioglycollate, ph, 9·9, 40 per cent., 9s. 10d. All carriage paid and subject to purchase tax.

ZINC CARBONATE. — One-cwt. lots, $1s. 11\frac{1}{2}d.$ per lb. 1-ton, 1s. 8d.

ZINC CHLORIDE. — B.P.C. cake, 7s. per lb.; sticks, 7s. 10d. TECHNICAL, 115s. per cwt.

ZINC OXIDE.—Two-ton lots B.P. grade, £105 per ton; 1-ton, £106.

ZINC PEROXIDE.—One-cwt. lots of B.P., 5s. 3d. per lb.

ZINC SULPHATE. — B.P., 1-cwt. lots, 1s. 6d. per lb.

Crude Drugs

AGAR.—Kobé No. 1, 14s. 9d. per lb. in bond; shipment, 14s. 3d., c.i.f.

ALOES.—Cape primes, spot, 175s. per cwt.; shipment, 155s., c.i.f. Curação, spot, 480s.; shipment, 440s., c.i.f.

Balsams. — Per lb.: Canada: Market bare and origin not quoting. Copaiba: Spot, 8s. duty paid. Peru: Spot, 8s. 9d. in bond. Tolu (genuine as imported) nominal; B.P., from 12s. 3d. to 17s. 9d. as to analysis.

Belladonna. — Leaves, 1s. 9d. per lb., spot. Dutch for shipment (t.a. not quoted) 2s., c.i.f. Root, 0.65 per cent., 1s. 9d. per lb., spot.

BENZOIN. — Sumatra block, spot £20 to £28 as to quality.

Buchu. — Spot new crop, 4s. 2d. per lb.; shipment, 3s. 10d., c.i.f.

CALABAR BEANS.—Spot, 2s. 3d. per lb.

Calamus.—Root, 100s. per cwt., spot. 87s. 6d., c.i.f.

CAMPHOR.—B.P. powder, 3s. 10½d. per lb. in bond.

Capsicums. — Chinese, on stalk, 150s., duty paid; Ethiopian, 200s.

CARDAMOMS.—Aleppy greens, 13s. 7½d. per lb., spot; shipment, 12s., c.i.f.

Cascara. — Spot, 1960 peel, 250s. per cwt., shipment, 1961 peel, 210s., c.i.f.

Chillies. — Nigerian, 185s. per cwt. Mombasa, 350s.

CINNAMON QUILLS.—Shipment (c.i.f., per lb.) 4 O's, 5s, 4d.; 3 O's, 5s, $0\frac{1}{2}$ d.; O, 4s, $8\frac{1}{2}$ d.; quillings, 3s, $3\frac{3}{4}$ d.; featherings, 1s, $6\frac{3}{4}$ d.

CLOVES.—Zanzibar spot, 2s. 10d. per lb.; shipment, 2s. $7\frac{1}{4}$ d., c.i.f.

Cochineal.—Black-brilliant, 11s. 6d. per lb., silver-grey 10s., spot; Peruvian silver-grey, 4s. 6d.

DIGITALIS. — Purpurea for shipment, old crop, 11d.; new crop, 2s. 4d. per ib., c.i.f.

ELEMI.—Spot, 2s. 1d. per lb. Shipment, 1s. 11d., c.i.f.

Ergot. — Portuguese 7s. 9d. per lb., c.i.f., for prompt shipment; spot, 8s.

Frangula.—Spot, 87s. 6d. per cwt.

GENTIAN.—Spot: French, 150s. per cwt. GINGER.—African, spot, 175s.; new crop for shipment, 165s. per cwt., c.i.f. Jamaican No. 3, spot, 220s.; shipment, 205s., c.i.f. Cochin, shipment, 122s. 6d., c.i.f.; spot, 135s. (per cwt.).

GUM ACACIA. — Kordofan cleaned sorts, 145s. per cwt., spot; new crop, June-July shipment, 125s., c.i.f.

Henna. — Indian, spot, 87s. 6d. per cwt.; shipment, 62s. 6d., c.i.f.

Honey. — Australian light amber, 102s. 6d. to 107s. 6d. per cwt. and mcdium amber, 96s. to 98s. Argentine, 110s.; Jamaican, 115s. to 120s.; Canadian clover, 145s. to 150s., all ex warehouse.

IPECACUANHA. — For shipment, c.i.f., per lb.—Costa Rican, 67s. to 68s.; Matto Grosso, 50s. 6d.; Colombian, 49s. 6u. to 53s. Spot: Matto Grosso, 53s. 6d.; Colombian, 54s.

JUNIPER BERRIES. — Italian, 100s. per cwt.; German, 120s.

Karaya. — No. 1 gum, spot 325s. per cwt. nominal; No. 2, 225s.

Kola nuts. — Jamaican for shipment, 7d. per lb., c.i.f. African, $5\frac{1}{2}$ d. spot and 4d., c.i.f.

Lanolin. — Anhydrous B.P., is from 170s. to 175s. per cwt. in 1-ton lots and hydrous, B.P., 150s., free drums, delivered.

Lemon Peel.—Spot, 3s. 3d. per lb.
Linseed.—Whoie, 70s. to 75s. per cwt.

Linseed.—Whole, 70s. to 75s. per cwt.; crushed, 105s.

LOBELIA HERB.—American spot, 8s. 9d. per lb. Dutch not offering.

MACE. — Whole pale blade, 22s. per lb., spot.

MENTHOL. — Chinese: spot, 82s. per lb., duty paid; shipment, 72s. 6d., c.i.f. Brazilian rather scarce at 47s. 6d., in bond; shipment, 45s., c.i.f. Formosan, 50s., in bond; shipment, 46s., c.i.f., June-July.

Mercury. — About £67 per flask of 76-lb.

NUTMEGS. — West Indian 80's 12s. per lb., spot: sound unassorted, 8s. 9d.; defectives, 6s. 6d.

Nux vomica. — Shipment (per cwt.). Cochin 70s., c.i.f.; Madras, 65s., c.i.f.

ORANGE PEEL. — Spot: Sweet ribbon 1s. 10d. per lb.; bitter quarters: West Indian 11d.; Spanish, \$1s. 3d.; bitter ribbon, 1s. 3d.

Orris roof.—Florentine, 335s. per cwt.

PAPAIN. — Tanganyikan, 14s. 6d. per lb., c.i.f., for grade one; spot 15s. Congo, 12s. 6d., c.i.f. Ceylon brown, 15s., c.i.f.

PEPPER. — White Sarawak, spot, 3s. 11d. per lb.; shipment, 3s. 9d., c.i.f. Black Sarawak, spot, 3s. 4d.; shipment, 3s. 2d., c.i.f. Black Malabar, 400s. per cwt. spot, and 380s., c.i.f.

PEPPERMINT. — Dutch whole leaves, 3s. per lb., c.i.f.

PIMENTO.—Spot, 560s. cwt.; shipment, 500s., f.o.b.

QUILLAIA.—Shipment, nominal value, 175s. per cwt., c.i.f.

RHUBARB.—Chinese small rounds from 5s. 6d. to 6s. 9d. per lb. on the spot.

SARSAPARILLA. — Jamaican native red spot, 2s. 6d. per lb.; snipment, 2s. 2d., c.i.f.

SEEDS. — (Per cwt.). Anise. — Cyprian, 200s., duty paid. Caraway.—Dutch quoted 140s., duty paid. Celery.—Indian unchanged at 162s. 6d., spot; new crop June—July snipment, 145s., c.i.f. Coriander.— Moroccan are in short supply with 130s. quoted nominally duty paid; shipment, 118s. 6d., c.i.I., quoted; Indian, 115s., spot; shipment, 85s., c.i.t., reported paid. Cumin.—Indian, 175s. spot; Iranian, 165s. duty paid. Dill.—Indian, 100s. spot; shipment, 84s., c.i.f. Fennel.—Chinese, 105s., duty paid; Indian, 100s. to 105s., spot; Fenugreek.—Moroccan quoted dearer at 85s. atter 80s., duty paid reported paid. Mustard.—English, 52s. 6d. to 87s., according to quality.

SENEGA.—Spot, 20s. 6d. per lb.

SENNA. — Tinnevelly LEAVES, prime No. 1 cleared; f.a.q. No. 3, 10½d. Pods: manufacturing (f.a.q.), 11d. and handpicked, 1s. 6d. to 1s. 10d. Alexandria pods: Manufacturing, 1s. 6d.; handpicked, 4s. 6d. to 7s. 6d.

SHELLAC. — F.O.T.N., 200s. per cwt.; No. 1, 220s.; F.O., 235s. to 285s. spot.

SLIPPERY ELM.—Bark, 3s. 6d. lb. landed value.

SQUILL.—White 75s. to 85s. per cwt. spot, as to holder.

STRAMONIUM.—Indian LEAVES 60s. per cwt. spot. Dutch 0.5 per cent. alkaloid, 93s., c.l.f.

STYRAX. — Spot, 25s. 9d. per lb., shipment, 24s., c.i.f.

TURMERIC.—Madras finger on spot 115s. per cwt.; shipment easier at 100s., c.i.f.

Valerian root.—Spot: Belgian, whole (max. $2\frac{1}{2}$ per cent. sand) for prompt shipment, 145s., c.i.f. Dutch old crop cleared.

Vanillin.—Rates (per lb.) are now:—5-cwt. lots, 22s. 3d.; 1-cwt., 22s. 6d.; 56-lb., 22s. 9d.; small quantities, 23s.

Waxes. — (Per cwt.). Bees.—Dar-es-Salaam, spot, 465s.; shipment, 440s., c.i.f. Abyssinian, 390s. in bond; shipment 370s., c.i.f. Sudanese, spot, 410s. nominal; shipment, 360s., c.i.f. Candelilla, spot, 465s. Carnauba, fatty grey, spot, 440s.; shipment, 422s. 6d., c.i.f.; prime yellow, spot, 700s. quoted; shipment, 630s., c.i.f.

Essential and Expressed Oils

Almond.—Moroccan, 6s. per lb., duty paid.

AMBER.—Rectified on the spot, 1s. 6d. per lb.

ANISE. — Chinese, 8s. per lb., spot; shipment, 7s. $10\frac{1}{2}$ d., c.i.f.

BAY.—West Indian short on the spot, prices nominal.

Bergamor.—Spot, from 72s. 6d. per lb. Bois de Rose.—Brazilian, 13s. 6d. per lb. on the spot and 12s. 6d., c.i.f.

CADE. — Spanish, 3s. 6d. per lb. for drum lots.

CAJUPUT.—Spot from 10s. per lb.

CALAMUS.—Spot, 56s. 6d. per lb.

CEDARWOOD.—American rectified 8s. per lb. on the spot.

CLOVE.—Madagascar leaf, spot, 7s. 6d, per lb., duty paid; shipment, 6s. 6d., c.i.f. Rectified 87–88 per cent., 12s. Distilled bud-oil, English, B.P., 28s. for 1-cwt. lots.

COD-LIVER. — B.P. is 11s. 6d. per gall. including charged returnable drums. Veterinary is from 9s. 6d. per gall. Delivered terms, 25-stone lots.

Cumin. — Imported oil, 90s. per lb.; English-distilled, 120s.

DILL.—Imported, 38s. 6d. per lb., spot. Grapefruit.—Florida, 18s. per lb.

JUNIPER. — B.P.C. 1949 oil is from 15s. per lb. on the spot. English-distilled, 150s. JUNIPER WOOD, from 5s.

LAVANDIN.—Spot from 7s. per lb. for original drums.

LAVENDER. — From 17s, to 50s, per lb. as to quality.

LAVENDER SPIKE,—Spanish, 12s. per lb. for original drums.

LEMONGRASS. — Spot, 17s. per lb. nominal; June shipment, 15s. 3d., July, 15s., c.i.f.

NUTMEG.—Imported B.P. oil is from 50s. to 90s. per lb. as to source. English-distilled, 140s.

OLIVE. — Spot, 19s. 3d. to 20s. 3d. per gall. in drums ex wharf; shipment, £190-£205 per 1,000 kilos, f.o.b. Spanish port.

Orange.—Spot quotations of sweet oil include Floridan at 3s. 6d. per lb.; West Indian, 3s. 6d.; Israeli, 7s. 6d., nominal; Californian, 5s. 3d. to 7s. 6d.

Ofto of Rose.—Bulgarian, 400s. per oz. Turkish, £350 per kilo.

PALMAROSA. — Spot, 37s. 6d. per lb.; shipment, 36s., c.i.f.

Petitgrain.—Paraguay, 18s. 9d. per lb., spot; shipment, 18s., c.i.f.

PIMENTO. — English - distilled berry 167s. 6d. per lb.; imported, 80s. Rectified leaf, 27s. 6d. per lb. for small lots.

Rue.—Spanish is 25s. per lb. spot. Sassafras.—Brazilian is from 3s. 6d. per

b., duty paid.

VETIVERT — Bourbon spot, 110s. to 112s. 6d. per lb.; shipment, 108s., c.i.f.

UNITED STATES REPORT

New York, June 13: Brazilian Menthol declined further to \$7.35 per lb., down 40 cents. Phenobarbitone declined by 50 cents to \$2.75 a lb. Also lower was Theobromine at \$3.25, down 25 cents. P-Dichlorobenzene on the other hand was one cent dearer at 13 cents per lb. Lemon oil prices were higher during the period, the Californian advancing to \$3 a lb., up 40 cents, and the Italian to \$4.95, up 70 cents. Lower per lb. were natural Peppermint at \$4.50, down 25 cents; Lemongrass, at \$2.60, down five cents; Formosan Citronella at \$1 was down five cents; and Bourbon Geranium at \$18, down \$2.25.

TELEVISION

cures in the columns represent number of pearances of the product during the week.

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June 25 to July 1	London	Midland	North	Scotland	Wales	South	N.E.	Anglia	Ulster	Westward
2 Spray	_		_	_	_	4	_	_	_	_
lka-Seltzer	1	2	2	1	1	1	1	1	1	2
nadin	4	5	5	6	3	6	5	1	_	4
ndrex	_	_	_	_	3	_	_	3	_	
nne French	_	1	_	2	2	3		_	_	_
skit powders	_	_	_	12	_	_	-	_	_	_
eecham's pills	_	1	2	1	3	1	1	1	1	_
powders	3	2	3	3	1	2	3	3	3	2
isodol	3	_	2	—		_	_	—	_	_
ristow shampoo	—	4	3	3	4	1	2	2	—	_
rylcreem	2	3	4	3	4	1	1	2	3	3
oldrex	_	_	2	3	2	2	3	2	3	3
ooper's aerosols	3	3	3	4	3	3	3	3	3	3
elrosa	_	_	1	_	_	_	3	_	1	_
elsey	_	2	1	_	_	_	2	—	4	_
innefords	1	2	1	_	1	1	1	1	_	_
ispel disinfectant	_	_	_	2	_	-	-	-	_	—
orant mouth-										
wash	_	-	_	_	_	1	_	_	_	_
ramal	_	1	1	3	4	3	2	2	3	2
lliman's										
foot cream	1	1	1	_	_	_	_	_	_	_
no's fruit salt	2	_	2	2	_	2	2	2	2	-
uthymol	1	1	1	2	1	1	1	_	_	-
x-Lax	2	-	_	_	2	_	_	_	_	_
reezone	2	_	2	_	_	_	2	_	_	_
Germolene	1	_	3	3	3	3	3	3	3 2	3
mmac Gleenex	1	2 2	2	2	3 2	2	1	2 2	2	1
inc-O-Lin beer	1	~		٥				-		1
shampoo	1	_	_	_	_		_	_	_	
oxene shampoo	1	2	2	3	5	3	3	3	3	2
facleans tooth-	-	_	_	2	J	5	J	5	5	-
paste	_:	1	_	1	1	12	3	3	3	3
largo's hair		•		•	•	_	5	5	5	5
lacquer	_	7	_	_	_	_	_	_	_	_
Mark Vardy	4	4	_	3	2	4	2	3	2	_
Ailk of Mag-								-	-	
nesia	_	_	_	-	_	_	1	_	_	_
livea Creme	5	_	-	_	_	_	_	_	_	_
Phyllosan	_	_	1	_	1	1	_	1	1	-
retty Quick	—	_	—	5	—	_	_	—	-	—
Linstead pastilles	2	2	2	1	_	-	1	—	—	_
Schick shavers	1	1	_	_	-	_	_	-	_	—
Sek	-	2	2	-	—	-	-	_	_	—
Silvikrin pure	2	2	2	-	_	—	_	_	-	-
hair cream	3	3	2	3	2	4	2	1	_	_
shampoo	3	3	5	3	2	2	2	2	3	_

PRINT AND PUBLICITY

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mokies ...

foods

Winspray

stamina pet

Booklets and Leaflets

London, W.1: "The Art of Applying Hair Colour Cosmetics"—a guide giving details of

every Inecto product. Pp. 48.

IEYES (SALES), LTD., River Road, Barking, Essex:

"Two Steps Ahead in the Garden with Jeyes" hints on how to cleanse, improve and sterilise soil, free gardens and greenhouses of pests, spray plants and revitalise soil.

THE MURPHY CHEMICAL CO., LTD., Wheathamp-stead, Herts: "Murphy Nurseryman's Booklet 1961." Alphabetical list of pests and plant diseases, and recommended control measures.

W. G. PYE & Co., LTD., Granta Works, York Street, Cambridge: Pye Argon Chromatograph. Brochure on gas liquid chromatography. Pp.

Scottish Colorfoto, Alexandria, Loch Lomond: Index of colour processing services, Pp. 12.

Periodicals

Рноторіа, LTD., Hempstells Lane, Newcastle.

PHOTOPIA, LTD., Hempstells Lane, Newcasue, Staffs; Edixa Post, Pp. 28.

THE PULLIN OPTICAL Co., LTD., Ellis House, Aintree Road, Perivale, Greenford, Middlesex; Pullin Newsletter. Vol. 9, No. 4, June. Pp. 4.

ALBERT E, REED & Co., LTD. (packaging division), Reed House, Kew Bridge, Brentford,

Middlesex: Case 11. Ideas on packaging. Pp.

ROCHE PRODUCTS, LTD., 15 Manchester Square, London, W.1: The Roche Courier, Vol. 27,

No. 4. Pp. 4. R. P. Scherer, Ltd., 216 Bath Road, Slough, Bucks: Capsule News. Vol. 1, No. 1. Spring.

Catalogues

JAMES A. JOBLING, LTD., Wear Glass Works, Sunderland. Pyrex catalogue. Pp. 76. PHOTOPIA, LTD., Hempstells Lane, Newcastle, Staffs: Photopia catalogue 1961, Second edition (price 1s.), Pp. 96.

mingham: Aidex. In Woman, Reader's Digest. SAVILLE PERFUMERY, LTD., 16 Sackville Street, London, W.1: Saville perfumes, In Woman's Mirror, Woman's Realm, Woman's Own, True Story, True Romances, Honey, Photoplay.

Sanitas Group Sales, Ltd., Sanitas House, Clapham Road, London, S.W.9: Woodward's gripe water. In Woman's Own, Woman, Woman's Realm, Woman's Mirror, Mother and Baby, Modern Woman, Good Housekeeping, Everywonan, Woman and Home, Mother, Parents, Maternity News, Nursery World, Tit-Bits, Thomsons Weekly News, News of the World, Sunday Pictorial.



DISPLAY MATERIAL: At left, Triple-purpose revolving counter stand giving pack displays, shade cards and prices of Pretty Quick cosmetics made by Tokalon, Ltd., and distributed by Walter Crowe, Ltd., 26 City Road, London, E.C.1. Centre, "Tumble" display for Dip plastic starcher, manufacturers of which are Nicholas Products, Ltd., 225 Bath Road, Slough, Bucks. Right: Counter display-piece for Secto fly-killer aerosol, makers of which are Cupal, Ltd., King Street, Blackburn.

PRESS ADVERTISING

BURROUGHS WELLCOME & Co. (The Wellcome Foundation, Ltd.), 183 Euston Road, London, N.W.1: Marzine. In national Press and women's magazines.

CANNON RUBBER MANUFACTURERS, LTD,. Ashley Road, London, N.17: Modern teats. In national Press, women's magazines, Radio Times, TV Times and baby publications.

Cussons, Sons & Co., LTD., Kersal Valc, Man-chester: Imperial Leather. In Woman's Own, Woman's Realm, Vogue, Cheshire Life, Lancashire Life, July-November. Cussons talcum powder. In Woman, Woman's Mirror, Date, Vogue, Woman's Journal, Woman and Home, Everywoman, Modern Woman, Good House-keeping, My Home, She, Housewife, Woman and Beauty, Flair, Honey, July to October.

GOLDEN, LTD., 7 Grosvenor Street, London, W.1: Ambre Solaire. In Daily Express, Daily Telegraph, Daily Mail and Sunday Times.

CUXSON, GERRARD & CO., LTD., Oldbury, Bir-



STAND FOR SUN-GLASSES: For point-of-sale display use, the manufacturers of Polaroid sunglasses, Polarisers (U.K.), Ltd., 186 Acton Lane, London, N.W.10, offer the stand illustrated, which was designed and produced by Ashley-Kent, 44 Princess Road, Loudon, N.W.1, in four colours on one sheet of polyvinyl chloride, size 9 x 6 in. The Polaroid sun-glasses fit round the stand over the sun's rays.

COMING EVENTS

Items for inclusion under this heading should be sent in time to reach the Editor not later than first post on Wednesday of the week of insertion.

Tuesday, June 20

HERTFORD BRANCH, PHARMA EUTICAL SOCIETY, 183 Euston Road, London, N.W.1, at 7.30 p.m. Vísit to Wellcome Historical Medical Museum and Historical Pharmacics.

Wednesday, June 21

INTERPLAS 61, INTERNATIONAL PLASTICS EXHIBI-TION AND CONVENTION, Olympia, London, W.14. Until July 1.

IRISH CHEMISTS' GOLFING SOCIETY, at Roscrea, co. Tipperary. Meeting.

MICROCHEMISTRY GROUP, SOCIETY FOR ANALYTICAL CHEMISTRY, "The Feathers," Tudor Street, London, E.C.4, at 6.30 p.m. London discussion meeting: "Quantitative Paper Chromatomceting: graphy."

NORWICH BRANCH, PHARMACEUTICAL SOCIETY, NOrwich Rugby Ground, Fifers Lane, Norwich, at 7 p.m. Car treasure hunt.

SCOTTISH DEPARTMENT, PHARMACEUTICAL SOCIETY OF GREAT BRITAIN, Society's House, 36 York Place, Edinburgh, at 2.30 p.m. Annual meeting. Mr. J. B. Grosset (a member of the Society's Council) on "Publicity and Public Relations in Pharmacy."

Friday, June 23

UNIVERSITY COLLEGE, Gower Street, London, W.C.1, at 5.30 p.m. University of London lecture in chemistry, Professor R. Passeríni on "Refining Processes and Petrochemical Raw

Sunday, June 25

BIRMINGHAM PHARMACEUTICAL ASSOCIATION, Westbourne Road, Olton, at 2.15 p.m. Motor treasure hunt.

Advance Information

THE CHEMICAL SOCIETY AND UNIVERSITY OF NOTTINGHAM, At NOttingham, Symposium on Inorganic Polymers, July 18-21.

SOVIET TRADE AND INDUSTRIAL EXHIBITION, Earls Court, London, S.W.5: July 7-14.

PATENTS

COMPLETE SPECIFICATIONS ACCEPTED

From the "Official Journal (Patents)," June 7

Capsule manufacture, Vitamins, Ltd. 873,757, Fluid compositions comprising (acetyl-salicylic acid)-anhydride. Upjohn Co. 873,526.

Antibacterial agents. Beecham Research Laboratories, Ltd. 873,533.

Diquaternary compounds. Wellcome Foundation, Ltd. 873,691.

Production of substituted cyclohexanone peroxides. Laporte Chemicals, Ltd, 873,614.

Antibiotic compositions, American Home Pro-

duets Corporation. 873,692.

Mycobacteriostatic compositions. Monsanto Chemieals, Ltd. 873,602.

Production of alpha-, beta-unsaturated carboxylic acid amides, acids and esters. Badische Anilin & Soda-Fabrik, A.G. 873,603.

Process and intermediates for preparing steroid compounds. Smith Kline & French Laboratories. 873,633.

Ion-exchange membranes, Imperial Chemical Industries, Ltd. 873,520.

Steroids and the manufacture thereof. Upjohn Co. 873,605.

Polysulphonamides compositions, Imperial Chemical Industries, Ltd. 873,606.

Manufacture of resorcinol. Distillers Co., Ltd. 873,676.

Steroids and the manufacture thereof. Upjohn Co. 873,608.

Conversion of ammonium thiocyanate to ammo-Bergwerksverband G.m.b.H. nium sulphate, 873,453.

Production of unsaturated aliphatic aldehydes. Distillers Co., Ltd. 873,712.

Orally effective blood sugar lowering substances.

E. Diehl (trading as Von Waldheim Chem., Pharm. Fabrik, Anton). 873,464.

Purification of lipid mobilizers. American Home Products Corporation, 873,585.

Preparation of sobrerol. Food Machinery & Chemical Corp. 873,415.

N-methylpiperid-4-yl o-chloro-p-(N-butyl) amino-benzoate and acid addition salts thereof. S.I.M.E.S. S.p.A. 873,468.

Magnesium aluminium silicates and their paration, Mallinehrodt Chemical Works. 873.506.

Process for obtaining organically substituted hydra-

zines. Farbenfabriken Bayer, A.G. 873,447.

Process for producing L-glutamic acid by bacterial fermentation. Ajinomoto Co., Inc., and Sanraku Distillers Co., Inc. 873,448.

5-hydroxy-x-alkyltryptophans. Upjohn Co. 873,777. Secondary amines. Farbenfabriken Bayer A.G.

Sulphanilamido-pyrimidines and acid addition salts thereof and a process for the manufacture of F. Hoffmann-La Roche & Co., A.G. same. 873,781.

N-methylpiperid-4-yl-o-chloro-p-aminobenzoate and a process for its preparation, S.I.M.E.S., S.p.A. 873.469.

Phosphatic fertilisers. Fisons, Ltd. 873,619.

rialiphatic hydrocarbyl phosphites. Hooker Chemical Corporation, 873,495. Trialiphatic

Compositions for the control of soil dwelling nematodes. Dow Chemical Co. 873,463.

Compositions useful for the control of pests and the culture and protection of crops. Chemical Co. 873,584.

Protective agents against termites. Farbenfabriken Bayer A.G. 873,590.

Cyclic esters of boronic acids and a process for their preparation. Soe, de L'Institut de sero-therapie hemopoietique, 873,817.

Manufacture of metaphosphates, Canadian Industries, Ltd. 873,421.

Animal holding nieans, E. S. Wilson, 873,541,

Containers for dispensing liquid, semi-liquid and powdery substances. K. D. Gomm. 873,714.

Method and apparatus for packing partly-filled necked containers. Lakso Co., Inc. 873,715.

Dispenser for viscous liquids. Ashe Laboratories, Ltd. 873,454.

Apparatus for multicolour printing on bottles or similar hollow articles. Maschinenfabrik Wink-ler Fallert & Co., A.G. 873,343. British patent specifications are obtainable (price

3s. 6d. each) from the Patent Office, 23 Southampton Buildings, Chaneery Lane, London, W.C.2.

TRADE MARKS

APPLICATIONS ADVERTISED BEFORE REGISTRATION

" From the " Trade Marks Journal," May 31

For veterinary products (5)

ANIM-MED, 816,780, by Hill-Smith (Warrington), Ltd., Nelson, Lancs.

For machines, apparatus and appliances, all for massage, weight-reducing and slimming purposes; and parts and fittings (10)

TAPOTO-RIPPLE, 812,964, by Parlour, Birmingham, 5.

From the "Trade Marks Journal," June 7

For chemical products for use in industry (1) SILCOLAPSE, 817,361, by Imperial Chemical Industries, Ltd., London, S.W.1.

For preparations for the hair (3)

SUPERMA COLOR-BUBBLE. 805.769. Superma, Ltd., London, W.1. COROMANDA, 808,572, by Hans Schwarzkopf, Hamburg-Altona, Germany,

For all goods (3)

DYNAMO, 806,254, by Colgate-Palmolive Co., New York, 22, U.S.A. Device, B809,929, by Superma, Ltd., London, W.4, BRECK, B813,531, by John H. Breck, Inc., Springfield, Massachusetts, U.S.A. DASH, B814,651, by Thomas Hedley & Co., Ltd., Newcastle-on-Tyne.

For perfunies, toilet preparations, cosmetic preparations, dentifrices, depilatory preparations, toilet articles (not included in other classes), sachets for use in waving the hair, soaps, and essential

ELET, 809,352, by County Laboratories, Ltd.. Brentford, Middlesex.

For perfumes (3)

CLEOPATRA, 811,544, by André Phillippe, Ltd., London, S.W.6.

For cleaning preparations for lavatories, all containing disinfectants (3)

HYTOLE, 812,890, by Miller Bros. (Church), Ltd., Oswaldtwistle, Lanes.

For soaps, detergents (not for use in industrial or manufacturing processes), and cleaning, polishing, scouring and abrasive preparations (3)

RAYVE, 812,931, by Ieilma Co., Ltd., London, E.C.4

For soaps and detergents (not for use in industrial and manufacturing processes) (3)

REVAN, B815,303, by Evans Medical, Ltd., Speke, Liverpool, 24.

For cosmetic preparations (not being toilet pre-

WHO DARES?, 81. Byrne, London, W.11. 817,493, by André Marc

For medicated beverages and tonic medicines (5) PASELLA, 801,493, by Citrelix, Ltd., London, E.C.4.

For pharmaceutical preparations of hormones (5) LOCALYN, 807,671, by Syntex Corporation, Panama, Republic of Panama.

For pharmaceutical and veterinary preparations (5) DAXID, 808,194, by Chas. Pfizer & Co., Inc., Brooklyn, New York, U.S.A.

For milk foods for infants and invalids (5) MUCOLAC, 808,506, by Carlo Erba, S.p.A.,

Milan, Italy. For anthelmintic preparations for veterinary use

(5)

QUINOZINE, 809,648, by Boots Pure Drug Co., Ltd., Nottingham.

For pharmaceutical products and preparations, all

for use in relaxing muscular tension (5) RELAXYL, B810,641, by Franco Indian Phar-maceuticals Private, Ltd., Bombay, 18, India. For all goods (5)

TIMPAVIT, 812,061, by Istituto Farmaeoterapico Italiano, S.p.A., Rome, Italy. DIMINEX, 813,743, by Warner-Lambert Pharmaceutical Co., Morris Plains, New Jersey, U.S.A.

For pharmaceutical preparations and substances for human and veterinary use (5)

NITEX, 812,185, by Winthrop Group, Ltd., Surbiton, Surrey. DIANARIL, 814,092, by CIBA, Ltd., Basle, Switzerland.

For sanitary towels (5) IDEA, 813,521, by Independent Distributors Economic Associates, Ltd., London, E.C.4.

For pharmaceutical preparations and substances, all for use in the treatment of muscular spasm conditions (5)

LEVOSPASME, 813,893, by Les Laboratoires Dausse, Paris, France.

For all goods, but not including medicated confectionery (5)

MAMBOL, 814,603, by Lovens Kemiske Fabriks Handelsaktieselskab, Bellerup, nr. Copenhagen, Denmark

For pharmaceutical tonic preparations and pharmaceutical restorative preparations, all for human

VANDID, 814,810, by Riker Laboratories, Ltd., Loughborough, Leics.

For sanitary napkins (5) THREE CROSS, 816,306, by Hjemmets Produkter,: A/S, Oslo, Norway,
For pharmaceutical, veterinary and sanitary sub-

stances; plasters; material for stopping teeth; dental wax; disinfectants; preparations for killing weeds and destroying vermin (5)

Device, 816,387, by Schering, A.G., Berlin (West) N65, Germany.

For medicinal and pharmaceutical preparations, all containing oil of peppermint (5)

CHARKAMINTS, 816,559, by Thomas Blake & Co., Horsham, Sussex.

For photographic lenses and photographic lens combinations (6)

FALCONAR, 810,075-76, FALCOGON. Wild Heerbrugg, A.G., Heerbrugg (St. Gallen), Switzerland.

For photographic, cinematographic and optical apparatus and instruments (9)

LASTRA, 811,093, by Calieo Printers' Association, Ltd., Manchester, 1.

For hair pins; hair curlers and hair rollers, all for attachment to the hair; hair slides, and hair grips (26)

JUMBO, 817,426, by Gorney, Ltd., Bramley, Leeds, Yorks.

CONTEMPORARY THEMES

Subjects of contributions in current medical and technical periodicals.

COMPOSITION of mineral water from the hot spring at Bath. J. appl. Chem., May.

RESERPINE, BRETYLIUM, and GUANETHIDINE. A new view of adrenergic nerve fibres, explaining the action of. Brit. med. J., June 10.

SALICYLATES, STEROIDS and Bed rest, in rheumatic fever. Brit. med. J., June 10. CHLORPHENOXAMINE HYDROCHLORIDE in parkinson-

ism. Brit. med. J., June 10. METHYL PHENIDATE in parkinsonism. Brit. med. J.,

June 10. GLASSONA. The uses of. Lancet, June 10.

FROZEN RED CELLS. Reconstitution of. Lancet,

June 10. CLOVE. The fragrant clove and its many uses. S.P.C., June.

PERFUME OIL production in Morocco. S.P.C., June.

FLUORESCENT BRIGHTENERS. Applications of, in biological techniques. Science, May 26.

DOPAMINE. Exerction of, in diseases of basal ganglia. Science, May 26.

Substance in peripheral nerve which influences

oxygen uptake. Science, May 26. METAMIDIUM, TOZOCIDE and NUCLEOCIDIN. Observations on the therapeutic activity of,

against Trypanosoma simiae infections in pigs. Vet. Rec., June 10. 0,0 DIMETHYL 2,2,2, TRICHLORO 1-HYDROXYMETHYL PHOSPHONATE, 4-TERT BUTYL-2-CHLOROPHENYL

METHYL METHYLPHOSPHORAMIDATE and 2-(B-

METHYOXYETHYL PYRIDINE) in bovine ostertagiosis. Vet. Rec., June 10. MALARIA. Chemotherapy of. *Nature*, June 10. Collagen. Structure of. *Nature*, June 10.

APOCHOLIC ACID. Careinogenic activity Nature, June 10.

ANTIBODIES blocking neutralisation of penicillinase by the homologous antiserum. Nature, June 10. PHENOTHIAZINE TRANQUILLISERS. Inhibition of

emotional reactions by. Nature, June 10. SEROLOGICAL TESTS for toxoplasmosis. Nature, June 10.

GIBBERELLIN action on growth of seedlings in the absence of photosynthesis. Nature, June 10.

WILLS

MR. F. WAINWRIGHT, M.P.S., 28 Romsey Road, Eastleigh, Hants, left £55,634 (£49,819 net).

MR. J. M. WILFORD, M.P.S., 270 Knutsford Road, Warrington, Lancs, left £6,529 (£5,986 net).

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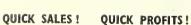
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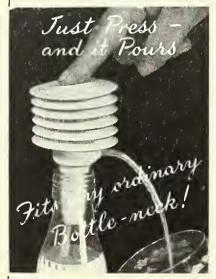


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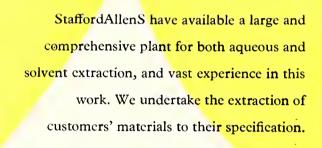
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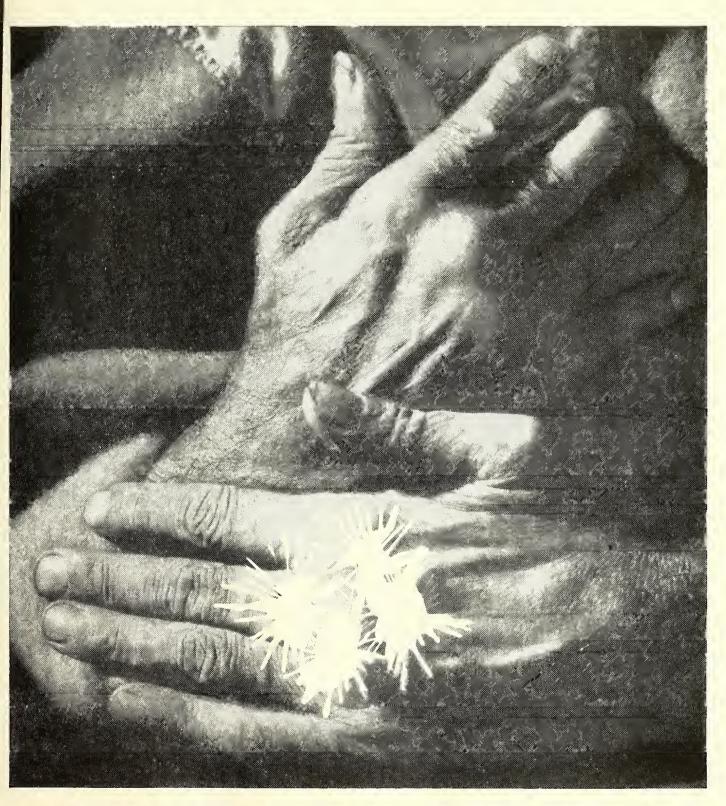
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ree to your customers!

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See the MIMOSEPT Broadsheet

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LAEVOSAN

for intravenous administration

Ampoules of sterile pyrogen-free Laevulose (fructose) in strengths of 20%, 40% and 62%. Also available in powder form as Laevulose Puris in 1 kilo and 5 kilo packs. Has many clinical advantages over dextrose in the treatment of metabolic stress and liver disease.

HYPON

Analgesic and antipyretic tablets

A balanced formula containing Codeine, Phenacetin, Acetylsalicylic acid plus Caffeine and Phenolphthalein to counter the side effects of depression and constipation.

CICATRIN

An amino-acid antibiotic, cream or powder, with the dual effect of controlling local infection and promoting healing. Indicated for the treatment of superficial wounds, burns, varicose ulcers, rectal surgery and pyogenic skin conditions.

CEREVON

(Ferrous Gluconate)

The original ferrous gluconate preparation, Gerevon is presented in tablet and elixir form.

DRAPOLENE

Formulated specifically for the prevention and treatment of napkin rash. The active principle of Drapolene is benzalkonium chloride, which is highly active against urea-splitting organisms which are held to be the causative factor of urinary dermatitis in infants and incontinent patients.

FERROMYN

(Ferrous Succinate)

Ferromyn is established as an extremely well tolerated organic iron salt for the treatment of iron deficiency anaemias, particularly during pregnancy. Also available, Ferromyn 'B' for iron deficiency accompanied by Vitamin 'B' deficiency. Ferromyn is presented in tablet, elixir and capsule form.

VASCUTONEX

A topical salicylate therapy for the relief of all soft tissue pains, especially those associated with muscular rheumatism. Vascutonex is non-staining, odourless and contains no counter-irritants.

LAEVOTONINE

A palatable tonic containing Laevulose, strychnine, phosphoric acid and manganese, indicated in conditions of neurasthenia, convalescence and general debility in the aged.

PUROMYN

For the treatment of bacterial and fungicidal infections of the mouth particularly indicated in the treatment of oral moniliasis.

S7 JELLY, POWDER AND CREAM

For the treatment and prophylaxis of fungal and bacterial infections of the skin and mucous membranes, e.g. moniliasis, dermatophytosis, staphylococcal skin infections. Available as S7 Cream, Powder and Jelly.

pharmaceuticals

CALMIC LIMITED · CREWE · CHESHIRE Tel: Crewe 3251 (7 lines) LONDON: 2 Mansfield Street. Tel: Langham 8038/9



need that thorough simple nun-touch technique

Corteil Spores

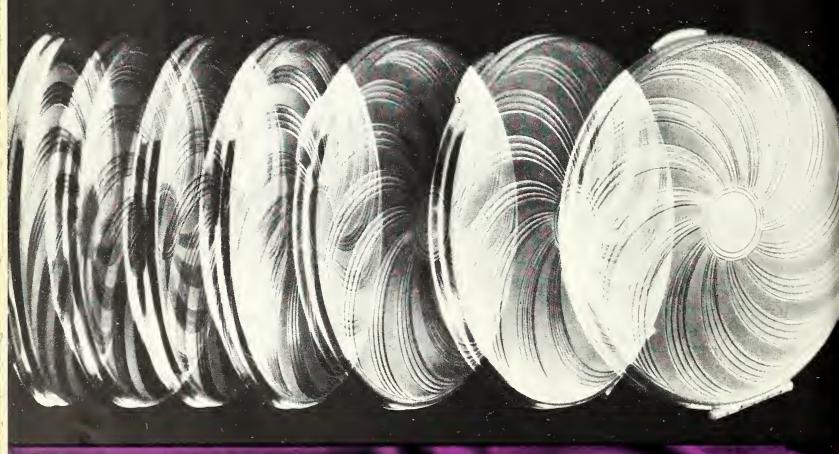
After a few days' treatment, lesions become flat and pale with subsidence of oedema, pruritus and infiltration. Neither stings, burns, nor irritates. No need to touch tender fragile skin. Non-tacky.

Presentation: 2 fl. oz. 1 fl. oz. pack



*Trade Mark PF249/11026 Pfizer Ltd · Sandwich · Kent

SLIMLINE — another sales spinning







CUMULATIVE LIST OF AMENDMENTS TO C.& D.

Quarterly Price List

JUNE I

и	No. 5 (247 Chanel)								
r	parfum de toilette								
	atomizer						45	0	
	refill						27	6	
e	spray Cologne	300							
	Alficetyn (34 A&H)								
		1 oz					_	_	
	for eye drops		42	0			5	3	TS
	Allenbury's (34 A&H)	4.11							
2	diet	1 lb							
	Allercur (1107 SAGB)	ammathian	10)						
	(distributors 973 Plus ointment 500 gm		30	0ea			45	٥	†s7
3	300 gm	• •	30	oca			70	٠	101
	All Out (931 PDC)								
	tube dispenser							6	
	Anita (473 FJ)								
	coconut-oil shampoo		13	8	3	5	2	0	
	colorised hair lacque	r	27	0	13	6	4	6	
	refill	• •	18	0	9	0	3	0	
	crystal clear setting		10	0	0	0	•	^	
	Antidal (757 Lowis)		12	0	6	0	2	0	
	Antidol (757 Lewis) tablets	20	25	0.			3	1 }	
	0401000	100	108	0 .			13	6	
		500	520	ŏ:			65	ŏ	
	Astral (509 Gibbs)								
	cream		. 9	9	4	9	1	6	
			16	0	7	$\frac{91}{2}$	2	6	
	4-11c4		28	6		103	4	6	
	soap toilet	• •	19	0	$\frac{2}{3}$	$\frac{2^{\frac{1}{4}}}{2}$	1	1	
	Dutti + +		13	0	3	Z	1	7	
	Basque (682 KCL) continental suntan	oil	33	0	16	1	5	6	
	John Sullul		53	ŏ	$\frac{10}{25}$		8	9	
	Beaucaire (100 Beauca	ire)							
	cleaning fluid Bell's (107 BH&L)	1 gall	360	0.			39	0	
	Bell's (107 BH&L)			^		0.1			
	foot bath powder	4.00	5	2	10	$\frac{3\frac{1}{2}}{c}$	4	9	
	sunburn milk Benevit (588 H&H) to	4 oz	$\frac{21}{28}$	0 6	$\frac{10}{7}$	$\frac{6}{0}$	3	9	
e.	Biligrafin (1107 SAGB				•	U			
	Bilora (8 Actina) came	ras	mpour	0.0					
	Bilora (8 Actina) came Bella super 44 and	ras	mpour 				119	9	
	Bilora (8 Actina) came Bella super 44 and	ras					119 127	9	
	Bilora (8 Actina) came Bella super 44 and Bitevan (436 Evans)	eras 46 66	• •			• •	127	0	
	Bilora (8 Actina) came Bella super 44 and Bitevan (436 Evans) ampoules 50 mcgm	ras 46 66 10 mils	30	0 .			127 3	0	
	Bilora (8 Actina) came Bella super 44 and Bitevan (436 Evans) ampoules 50 mcgm 100 mcgm	ras 46 66 10 mils 1 mil 6	30 30	0 .	:		127 3 3	0 4 4	
	Bilora (8 Actina) came Bella super 44 and Bitevan (436 Evans) ampoules 50 megm 100 megm	ras 46 66 10 mils 1 mil 6 10 mils	30 30 30 34	0 . 0 . 6 .	:		127 3 3 3	0 4 4 10	
	Bilora (8 Actina) came Bella super 44 and Bitevan (436 Evans) ampoules 50 incgm 100 megm	46 66 10 mils 1 mil 6 10 mils 1 mil 3	30 30 34 48	0 . 0 . 6 .			127 3 3 3 5	0 4 4 10 4	
	Bilora (8 Actina) came Bella super 44 and Bitevan (436 Evans) ampoules 50 incgm 100 megm	10 mils 1 mil 6 10 mils 1 mil 6 1 mil 3 1 mil 3	30 30 30 34	0 · 0 · 6 · 0 · 0 · 0 · 0			127 3 3 3 5 16	0 4 4 10	
	Bilora (8 Actina) came Bella super 44 and Bitevan (436 Evans) ampoules 50 incgm 100 mcgm	ras 46 66 10 mils 1 mil 6 10 mils 1 mil 3 10 mils 20	30 30 34 48 144 29	0 . 0 . 6 . 0 . 0 . 0 . 0 . 0 . 0			127 3 3 3 5 16 3	0 4 4 10 4 0	†s4B
	Bilora (8 Actina) came Bella super 44 and Bitevan (436 Evans) ampoules 50 megm 100 megm 1000 megm Bromural (708 Knoll) tablets	ras 46 66 10 mils 1 mil 6 10 mils 1 mil 3 10 mils 20 200	30 30 34 48 144 29	0 . 0 . 6 . 0 . 0 . 6ea			127 3 3 3 5 16 3	0 4 4 10 4 0	†s4B †s4B
	Bilora (8 Actina) came Bella super 44 and Bitevan (436 Evans) ampoules 50 megm 1000 megm 1000 megm Bromural (708 Knoll) tablets	ras 46 66 10 mils 1 mil 6 10 mils 1 mil 3 10 mils . 20 200 4 0z	30 30 34 48 144 29	0 . 0 . 6 . 0 . 0 . 0 . 0 . 0 . 0			127 3 3 3 5 16 3	0 4 4 10 4 0	
	Bilora (8 Actina) came Bella super 44 and Bitevan (436 Evans) ampoules 50 megm 100 megm 1000 megm Bromural (708 Knoll) tablets	ras 46 66 10 mils 1 mil 6 10 mils 1 mil 3 10 mils . 20 . 20 . 4 oz t)	30 30 34 48 144 29 11 36	0 . 0 . 6 . 0 . 0 . 6ea 0	9		127 3 3 5 16 3 15 4	0 4 4 10 4 0 3 4 9	
	Bilora (8 Actina) came Bella super 44 and Bitevan (436 Evans) ampoules 50 megm 100 megm 1000 megm Bromural (708 Knoll) tablets Carbomucil (896 NPP Casino (234 Cartwrigh overnight tan	ras 46 66 10 mils 1 mil 6 10 mils 1 mil 3 10 mils . 20 200 . 4 oz	30 30 34 48 144 29 11 36 30	0 . 0 . 6 . 0 . 0 . 6ea 0	· · · · · · · · · · · · · · · · · · ·		127 3 3 5 16 3 15 4	0 4 4 10 4 0 3 4 9	
	Bilora (8 Actina) came Bella super 44 and Bitevan (436 Evans) ampoules 50 megm 1000 megm 1000 megm Bromural (708 Knoll) tablets Carbomucil (896 NPP Casino (234 Cartwrigh overnight tan suntan spray	ras 46 66 10 mils 1 mil 6 10 mils 1 mil 3 10 mils . 20 200 . 4 oz t)	30 30 34 48 144 29 11 36 30 20	0 . 0 . 6 . 0 . 6ea 0			127 3 3 5 16 3 15 4	0 4 4 10 4 0 3 4 9	
	Bilora (8 Actina) came Bella super 44 and Bitevan (436 Evans) ampoules 50 megm 100 megm 1000 megm Bromural (708 Knoll) tablets	ras 46 66 10 mils 1 mil 6 10 mils 1 mil 3 10 mils . 20 200 . 4 oz t)	30 30 34 48 144 29 11 36 30 20 34	0 . 0 . 6 . 0 . 6ea 0	· · · · · · · · · · · · · · · · · · ·		127 3 3 5 16 3 15 4	0 4 4 10 4 0 3 4 9	
	Bilora (8 Actina) came Bella super 44 and Bitevan (436 Evans) ampoules 50 megm 1000 megm 1000 megm Bromural (708 Knoll) tablets Carbomucil (896 NPP Casino (234 Cartwrigh overnight tan suntan spray supertan aerosol Celabs (727 Lane) Chantilly (Houbigant of	ras 46 66 10 mils 1 mil 6 10 mils 1 mil 3 10 mils . 20 . 4 oz t) . 36 (1 Abbey)	30 30 34 48 144 29 11 36 30 20 34	0 . 0 . 6 . 0 . 6ea 0	9 15 10 17		127 3 3 5 16 3 15 4	0 4 4 10 4 0 3 4 9 0 9	
te	Bilora (8 Actina) came Bella super 44 and Bitevan (436 Evans) ampoules 50 megm 100 megm 1000 megm Bromural (708 Knoll) tablets Carbomucil (896 NPP Casino (234 Cartwrigh overnight tan sunertan aerosol	ras 46 66 10 mils 1 mil 6 10 mils 1 mil 3 10 mils . 20 . 4 oz t)	30 30 34 48 144 29 11 36 30 20 34	0 . 0 . 6 . 0 . 6ea 0	9 15 10 17		127 3 3 5 16 3 15 4	0 4 4 10 4 0 3 4 9 0 9	
	Bilora (8 Actina) came Bella super 44 and Bitevan (436 Evans) ampoules 50 megm 100 megm 1000 megm Bromural (708 Knoll) tablets	ras 46 66 10 mils 1 mil 6 10 mils 1 mil 3 10 mils 200 200 4 0z t) 36 (1 Abbey) 105-38 105-91	30 30 34 48 144 29 11 36 30 20 34	0 . 0 . 6 . 0 . 6ea 0	9 15 10 17		127 3 3 5 16 3 15 4	0 4 4 10 4 0 3 4 9 0 9 9 3	
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te	Bilora (8 Actina) came Bella super 44 and Bitevan (436 Evans) ampoules 50 megm 100 megm 1000 megm Bromural (708 Knoll) tablets Carbomucil (896 NPP Casino (234 Cartwrigh overnight tan suntan spray supertan aerosol Celabs (727 Lane) Chantilly (Houbigant operfume talcum tin Charabs (727 Lane) Chardox (894 Nicholas Cooltan (682 KCL) polythene "travler te	ras 46 66 10 mils 1 mil 6 10 mils 1 mil 3 10 mils . 20 . 4 oz t) . 36 (1 Abbey) 105 38 105 91 149 18 . 36	30 30 34 48 144 29 11 36 30 20 34 16	0	9 15 10 17 4		127 3 3 5 16 3 15 4 5 2	0 4 4 10 4 0 3 4 9 0 9 9 3 6	
te te	Bilora (8 Actina) came Bella super 44 and Bitevan (436 Evans) ampoules 50 megm 100 megm 1000 megm Bromural (708 Knoll) tablets Carbomucil (896 NPP Casino (234 Cartwrigh overnight tan	ras 46 66 10 mils 1 mil 6 10 mils 1 mil 3 10 mils . 20 . 4 oz t) . 36 (1 Abbey) 105·38 105·91 149·18 . 36 (5) pottle"	30 30 34 48 144 29 11 36 30 20 34 16	0 . 0 . 6 . 0 . 0 . 6ea 0 0 0 1	9 15 10 17 4		127 3 3 3 5 16 3 15 4 5 3 5 5 2	0 4 4 10 4 0 3 4 9 0 9 9 3 6 3	
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te te	Bilora (8 Actina) came Bella super 44 and Bitevan (436 Evans) ampoules 50 megm 100 megm 1000 megm Bromural (708 Knoll) tablets Carbomucil (896 NPP Casino (234 Cartwrigh overnight tan . suntan spray . supertan aerosol Celabs (727 Lane) Chantilly (Houbigant operfume talcum tin . Chardox (411 EGH) Chardox (411 EGH) Chardox (411 EGH) Chardox (411 EGH) Cooltan (682 KCL) polythene "travler to Cortelan (518 Glaxo) eye ointment . Courtesy (337 Curtis) cleansing cream	ras 46 66 10 mils 1 mil 6 10 mils 1 mil 3 10 mils . 20 . 4 oz t) . 36 (1 Abbey) 105·38 105·91 149·18 . 36 boottle" 3 gm . 8 oz	30 30 34 48 144 29 11 36 30 20 34 16	0 . 0 . 0 . 6 . 0 6 . 0 6 . 0 6 . 0 6 . 0 6 . 0 6 . 0 6 . 0	9 15 10 17 4 4		127 3 3 3 5 16 3 3 15 4 4 5 3 3 5 2 2 5 6	0 4 4 10 4 9 0 9 9 3 3 6 3 0 6	
te te	Bilora (8 Actina) came Bella super 44 and Bitevan (436 Evans) ampoules 50 megm 1000 megm 1000 megm Bromural (708 Knoll) tablets Carbomucil (896 NPP Casino (234 Cartwrigh overnight tan supertan aerosol Celabs (727 Lane) Chantilly (Houbigant operfume talcum tin	ras 46 66 10 mils 1 mil 6 10 mils 1 mil 3 10 mils 200 4 oz t) 36 (1 Abbey) 105.38 105.91 149.18 36 s) pottle" 3 gm 8 oz 4 oz	30 30 34 48 144 29 11 36 30 20 34 16	0 . 0 . 0 . 6 . 0 . 0 . 6 . 6 . 0 . 1 . 1 . 1 . 3	9 15 10 17 4		127 3 3 3 3 5 16 3 15 4 4 5 3 3 5 2 2 7 2 2 5	0 4 4 10 4 0 3 4 9 9 9 9 9 3 6 3	
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Diajubes (588 H & H)	C1	14	0			1	7	
Dindevan (436 Evans)								
tablets 10 mgm	100	120	0			15	0	
	500	468	0 .			58	6	
50 mgm	25	66	0			8	3	
3	100	216	0			27	0	
	1000	1404	0.			175	6	
Distaval (378 DCBL)								
suspension 60 mils		3	0ea			4	6	p1s4E
Dor (563 Hampshire)								
acrosol		375	0	185	0	5	0	
		gro	SS	gro	SS			
Dorant (718 LAB)								
mouth wash	2 oz	24	0	6	0	3	6	
Drummer (406 WE)								
firelighters		183	0			1	9	
		gro	SS					
Durst (980 Photopia)			_				_	
automatica camera	D94	456		111		1795	2	
case	D95	34	4ea	8	4ea	ı 59	10	
elete six-six camera	D111							
Edixa (980 Photopia)	77000	0.00					_	
camera stereo III	E300	396	2ea	96	6ea	ı 690	9	
Edixamat (980 Photor					_		_	
camera reflex stand:		929		226			0	
flex B	E182	688	uea	167	8ea	1199	8	
Delete- flex AL	E185	050	0.	1.00	_		_	
reflex B	E198	658		160			5	
reflex C	E199	757		184			7	
reflex D	E200	757	4ea	184	7ea	1320	7	
Efcortelan (518 Glaxo								ero ci
lotion aerosol 0.5%		8	6ea			11	4	
with neomycin 30 u		9,	0ea			12	0	$\mathbf{T}\mathbf{S}$
Delete Endografin (1107 SAG		ampoul	les					
Delete Eucortone (34 A&H)	10 mils							
						1		

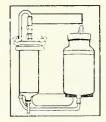
THIS WEEK'S CHANGES AT END OF LIST

	Eucryl (430 Eucryl)					_	_	
	tooth powder smokers	14	8	3	8	2	0	
	Express (1036 RB&C)	10	1	0	0		10	
	powders 8 22	13 33	1 7	3 8	3 5	1	10 6	
	48	- 6 6	0ea	1	6e.		0	
	$1\overset{40}{20}$		10ea	3	81			
	tablets 16	13	1	3	$\frac{3}{3}$		10	
	Fields (462 Field)	10	1	0	0	•		
Delete	solid brilliantine							
2500000	Flatterie (Houbigant (1 Abbey)							
	perfunie 106.81					31	6	
Delete	106.91							
	Framygen (502 Genatosan)							
	sterile powder 500 mgm	17	0ea			25		TS
	tablets 500 mgm 20	75	0ea			112		TS
	100	290	0ea			435	0	TS
	Fumee (Lubin (1 Abbey)					16	6	
	Cologne concentree 319 320				• •	30	Ö	
	perfume3260				• •	52	6	
	2361					85	ŏ	
	3262					135	ŏ	
	Furadantin (1153 SKF)						-	
	tablets 50 mgm 25	15	7½ea			23	5	
	250	143	6ea			215	3	
	Gala (876 MP)							
	natural bloom	33	0	16	6	5	6	
	shadow stick refill	27	0	13	6	4	6 6	
	velvet powder refill	27	0	13	6	4	6	
	Galloways (430 Eucryl)	1.4	0	3	8		^	
	cough syrup	$\frac{14}{24}$	$\frac{8}{0}$	6	0	2 3	0	
		40	0	10	ŏ	5	3 6	
	Gastrografin (1107 SAGB)	40	U	10	U		v	
	(distributors 973 Pharmethics	als)						
	bottles 100 mils 1	33	4ea			50	0	
	5	150	0ea			225	Ö	

steps up your sales to travel sickness sufferers, see advertisements in

DAILY EXPRESS, DAILY MIRROR, WOMAN, BURROUGHS WELLCOME & CO (THE WELLCOME FOUNDATION LTD) LONDON WOMAN'S OWN, WOMAN'S MIRROR, WOMAN'S REALM

2 SUPI	PLEMENT TO	THE	CHEMIST AND DRUGGIST June	17,
Gin Fizz (Lubin (1 Abbey)			hair lacquer refill sachet 4 2 2 1	1 0
$\begin{array}{cccc} \text{perfume} & \dots & 649 \\ & & 650 \end{array}$	35		hair lacquer refill sachet 4 2 2 1 shave cream lather tube 11 0 2 9 tonic hair cream tube 9 2 4 7	1 9
$651 \\ 652$	85	0	Max (855 Mondart)	
soap (3) 616	294	0	insect repellant 30 0 7 4 Medic (942 Passmill)	3 11
talcum bottle 836	10) 6	toilet rolls double 9 0 Melleril (1098 Sandoz)	1 3
Gordon Moore (528 GM)	7	6	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	6 9 55 6
cosmetic toothpaste small Goya (532 Goya)	14 5 3 7¼ 1	11	Mep 4 (650 IRL)	33 0
perfume handbag phial 1 Cologne 1 oz 24	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	l 6 l 6	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	11 11
taleum	27 0 13 6 4		$\begin{array}{cccccccccccccccccccccccccccccccccccc$::
cottou wool	8 6 1	0	Mimosept (347 Dalmas) sanitary towels 12 23 0	2 6
Halex (560 Halex) chamber F501		5 11	belts 25 0 1 3	2 11
F502 F512		6 3 6	hair laeguer aerosol 39 0 19 6	6 6
Heath & Heather (588 H&H) cigarettes herbal arabian 10	9 6 2 6 1	. 3	Mus-Gar (588 H&H) ointment 16 6 4 0 32 6 8 0	2 5 4 9
20 50	16 6 4 0 2	2 2	Mycil (179 BDH) spray pressurised pack 56 0	7 0
100	62 0 15 6		Nair (1003 PP) cream 26 8 13 4 Navidrex K (262CIBA)	4 3
smoking mixture herbal plain 64	11 0 1		tablets 25 32 0	4 0
Vi-tablets	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	3 0 5 7	500 44 0ea	14 0 66 0
Heatherclean (588 H&H)	8 0 2 0 1	1 3 2 10	Delete Neron (648 IH) Neron (1274 VDL)	
Hep (107 BH&L) tonic 4 oz		2 8	Delete Nicolane (70 Aspro) linetus Delete Nicrazin (837 MSD) 2½ lb	
8 oz		10	Nuit de Longchamp (Lubin (1 Abbey)	
Herbolic (588 H&H) disinfectant	17 0 4 0 2	2 3	Cologne concentree $$ 289 $$ $$ $$ $$	16 6 30 0
Hexopal (97 Bayer) tablets 500 mgm 100	41 4ea 62	2 0	Delete 292	75 0
Delete Instant Postum (130 Bird) Instant Postum (304 Costa)			perfume2949	35 0 52 6
Delete Insulin A.B. (34 A&H) 20 units 5 ee			$\frac{2951}{2022}$	85 0
Delete Johnsons (673 J of H)			$2954 \dots \dots$	300 0
desensifizer yellow Kaloids (680 Kalium)			Delete 2921	294 0
tablets	16 0	2 0	$ \text{soap (3)} \qquad \dots \qquad \dots \\ \text{taleum tin} \qquad \dots \qquad \dots \\ \text{831T} \qquad \dots \qquad \dots $	15 0 7 6
Kenergy (1175 SPL) biseuit meal dog food	18 9	2 0	bottle 830 Odel (314 Cranbux) toothpaste 14 5 3 $7\frac{1}{2}$	10 6 1 11
Kodak (711 Kodak) Brownie 44B camera	52 0ea 13 0ea 9 3		One Two (621 Horlicks)	
case 935	8 8ea 2 2ea 1 9	5 6	spot lifter spray 2 oz 31 6 Orapen V-K (650 IRL)	3 6
Kodaslide 50 projector projection lamp 300w	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		$\begin{array}{cccccccccccccccccccccccccccccccccccc$	26 0] 46 8]
Kodaehrome II double 8mm movie film 25 ft. spool	18 8ea 2 11ea 2 9	9 7		119 8 7 228 0 7
movie films 16mm (reversal) Tri-X and Plus-X 50 ft.			tablets 250 mgm 50 39 0ea	52 0 TS
spool 50 ft. magazine	25 9ea 3 11ea 33 31 10½ea 5 4ea 43		100 69 0ea 250 171 0ea	92 0 TS 228 0 TS
100 ft. spool Kodaehrome 50 ft. spool	43 4½ea 6 6ea 6 4	4 4	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	450 8 TS
50 ft. magazine	36 0ea 6 5ea 5	4 5	Ornimed (718 LAB) bird seeds	
Kodisk filters 255	51 3ea 8 6ea 7 6 7 0ea 1 9ea 1	2 3	with chloramphenicol 36 0	4 0 4 0
$ \begin{array}{r} 285 \\ 320 \end{array} $	7 0ea 1 9ea 19 7 8ea 1 11ea 1		with sulphonamide 36 0	4 0
370 close-up lens 255	9 0ea 2 3ea 1 5 2ea 1 4ea	59 91	with vit. B12 45 0 Parke-Davis (938 PD)	5 0
lens hoods 255 285	3 8ea 11ea	6 5 6 5	shaving cream tube 1½ oz Delete Parmacetyl (411 EGH)	
Leichner (749 Leichner)		8 2	Parmacetyl (894 Nicholas) tablets 100 12 6ea 3 1½c	20
"kamera klear" base 352		2 5	Pen (267 C&A)	
Less (528 GM) toothpaste Librium (1074 Roche)	·	1 11	acriflavine and Clearsight $10 \ 0 \dots \dots$ iodine and mosquito $10 \ 0 \dots 2 \ 6$	1 3
tablets 5 mgm		6 9 s4B 4 0 s4B	Penicillin (34 A&H) ointment $\dots 2 \text{ oz}$ 18 0 \dots	2 3 T
$10~\mathrm{mgm}\dots$ 25		7 6 84B 8 6 84B	Delete eye ointment strong	
100 500		0 0 s4B	Petron (1201 Supervite)	3 11
Lusty's (781 Lusty's) digestive tablets 150		4 9	Delete Phedros (837 MSD) all sizes	J 1
nerve tablets 150	33 0 7 10	4 9	Delete Phenaglate (70 Aspro) capsules Photocrescenta (977 PE)	
seaweed bath bags 5 and sarsaparilla		3 6	enlarger lamps75W 31 6 7 6 150W 39 9 9 0	4 1½ 5 2
tablets 150 sleep inducing tablets 150	33 0 7 10	4 9 4 9	Photolita (977 PE)	5 2
special herbal tablets 150 Marevan (436 Evans)		4 9	photoflood lamps No. 1 275W 27 0	3 0
$\begin{array}{cccc} \text{tablets} & 1 \text{ mgm} & \dots & 100 \\ 10 \text{ mgm} & \dots & 100 \end{array}$		2 0 6 0	500W No. 2	7 6
Margo's (798 Margolis) bath cubes floral	17 0 8 6	3	reflector type SM 112 6 Potter & Moore (994 P&M)	12 6
baen capes notal	gross gross	J	talcum powder puffer 191 27 0 13 6	4 6



The Elgastat Pharmacist Model

FOR PURIFIED WATER B.P. FROM TAP — INSTANTLY AT NEGLIGIBLE COST Please write for leaflet C.D. 110 giving effluent cost for your own area

DEIONISATION (ELGA) LIMITED, LANE END, BUCKINGHAMSHIRE



	Plastabook (1247 TDC) first aid dressings 2½	doz	38	4			1	11		Steriloderm (1341 Willow gel	/s) 50 gm	37	6	9 6	5	6	
	P.L.J. (103 BF) large Polkris (839 MGS)	doz		5			4	9		SteriShave (438 ER) . razor bath		22	0	5 6	3	4	
	electric feeding bottle Ponds (256 CPL)		20	0ea	5	0ea	35	0		refills Strepolin (518 Glaxo)			0	4 6	2	8	
	cold cream		11 11		5 5	6	1	9		cartridges 1½ mils vials 3 mils		$\frac{12}{12}$	6ca 6ea		18 18	9 TS 9 TS	
	freshener pads	tin	11 11		5 5	6	1	9			. 20	5	0ea			†s4A	
clete elete	lipsticks medium swivel large refills	3								Swandown (1218 HT) "Final Touch" deodors	ant	14	0	7 0	2	3	
elete	tissues Predsol (518 Glaxo)									Tabloid (208 BW) ergometrine							
	lotion aerosol 0.125%		8	6ea			11	4	TS	maleate 0.5 mgm .	100	284	0		10 35	3 †s1 6 †s1	
	Predsol-N (518 Glaxo) lotion aerosol 0.125%									Thermos (1226 Thermos)		1200	0		150	0 †s1	
	30 mils Primolut i.v. (1107 SAGB)			0ea		• •	12	0	TS	vacuum jars	608				67 97	2 2	
	(distributors 973 Pharm ampoules 1 mil	1		2ea			7	9			$617 \\ 620 \\ 01$		• •			0 0 2	
)elete	Prothricin (837 MSD) 1 oz Punch and Judy (528 GM)		1.4		9	71	4	11			$ \begin{array}{r} 81 \\ 82 \\ 609 \end{array} $				106 138 96	0	
1.7.4.	toothpaste Quelques Fleurs (Houbigan	nt (1 Al 4·91)	3	71	'	11		jugs	. 58 58Q				17 23		
)elete	soap (3) 14	$2.25 \\ 9.17$	• •	• •		• •	15 7	0 6			34 34S				43	10	
)elete	Rasprin (411 EGH) Rasprin (894 Nicholas)	9-11	• •	• •		• •	•	٠			TV 54				107	3	
	Regal (1340 WUD) evaporated milk										54Q 45					9	
	half cream 24×16 oz full cream 48×6 oz			$\stackrel{6}{\scriptstyle 6} \dots$			1	4 8			45Q 29				57 87	11	
	24 × 16 oz Regula (980 Photopia)			6	• •	•	1	4			29Q 70				103 103	9 5	
)elete	caniera L Prontor SVS	R2 R40	236 1	10ea	57	9ea	413	0			$\frac{52}{52\mathrm{Q}}$				145 171	2 5	
		R40 4			8	0ea	57	0			$\frac{231}{231}$ Q				141 168	8	
	Olympia 1 Olympia I1	R50 4	458 1	10ea 1		11ea 8ea	799	11		Toni (1242 Toni)	. 70	• •			105	8	
	leather case Regulette (980 Photopia)			2ea	8	3ea	1					$\frac{21}{6}$ d	oz	5 3 6 doz		6	
	camera Vario shutter Pronto shutter		$\frac{120}{148}$		$\frac{29}{36}$	6ea: 3ea:				Topdog (1175 SPL) . Tramil (655 ICC) .	. 4 doz		$\begin{array}{ccc} 3 & \dots \\ 6 & \dots \end{array}$		3	11 6	
	Rendells (1045 R) vaginal suppositories		30	0	7	6	4	13	ł	Travia (761 Lilia-White) compressed sanitary							
	Rentokil (1047 Rentokil)	6 oz					5	0		towels Trescatyl (971 PSMB)	3	8	4	• •		101	
Delete	Ribothiron (837 MSD) all Riddofan (1059 Riddell)		150	e			00	0		powder 2 gm . tablets 250 mgm .	. 50	$\frac{70}{36}$	0 8ea		8 55		
	inhaler		43	$0 \dots$	4			11	Delete	Triad (107 BH&L) cherr	y malt o	178 & oil	4ea		267	6	
	Rollei-Magic (637 Hunter) with f/3.5 Xenar lens) camera			4		534		Delete	Urografin (1107SAGB) s Vacco (1265 Vacco)	ingle an	ipoule:	8				
	ever-ready case Rotakin (8 Actina)						103			vacuum flask-de-luxc Valderma (343 DH) jar.			$\frac{6}{2}$	9 0	8 2	11 9	
	profile tripod 1402 St. Leger (1304 TW)		• •			• •	175	0		(, 3	2 oz 4 oz	39	$\frac{4}{6}$				
	blades slotted (6) (12)			9	$\frac{1}{2}$	51 71	1 2			shaving cream lather. brushle		$\frac{19}{19}$	$\frac{2}{2}$	$\frac{4}{4} = \frac{9}{9}$			
	Scarfe (588 H&H) herbal cigarettes			6			2					76	0		9	6	
	Scholl's (Dr.) (1108 SMC) Vitality support nylons									Vaseline (256 CPL) petroleum jelly					_		
Delvto	pair Sea and travel-sickness re			- 0ea RH&L)	,	• •	36	0			7 lb	$\begin{array}{c} 41 \\ 165 \end{array}$	0	10 4			
	Sedamyn (837 MSD) Selmo (588 H&H) biscuits			, ire E,	,						. 1 lb 7 lb	$\frac{50}{210}$		12 8 		9	
	Simpkin's (1141 Simpkin)		,	c				•		Veet "O" (343 DH) odourless hair-removin	ıg	0.1	0	10 0		0	
	Koola fruits Solcoseryl (499 Richter)			6		• •		6		velactin (1303 Wander)		24		12 3	_		
) gm	$\frac{27}{3}$	Sea 8ca		Hea Hca				powder Vick (1277 VI) eetamium cough syri		16	3	4	_	2 3	
Delete	Soluthricin (837 MSD) 20 Son Fils et Lui (Lubin (1.									VapoMist nasal spra Vosol (369 DL)		10	11	4	•	2 3	
		100 700				• •	30 37	· 0				67	0	17 0	9	10	
	Soventol (708 Knoll) jelly 20) gm	30	0			3	4			. 4 oz 8 oz	$\frac{21}{34}$		$\begin{array}{ccc} 5 & 4 \\ 8 & 6 \end{array}$			
	tablets	$\frac{20}{200}$	$\frac{36}{25}$	0 6c a			4 34		Delete	Wanderlac (1303 Wande	16 oz	60	Ö	15 0			
	Soventol C (708 Knoll) dragees	20	36	0			4	0	Detete	Wardonia (1304 TW) blades barrel-hole (5).		11	6	2 10	ો 1	8	
	Spratts (1175 SPL)	200		6ea		• •	34	_		slotted (5) pack No. 10		$\begin{array}{c} 11 \\ 27 \end{array}$	6	$\frac{2}{6} \frac{10}{10}$	$\frac{1}{2}$ 1	8	
	mixed ovals		19 1	10			1 2	1		containers for 30 use blades	d	15		3 10	-		
	ovals			2		• •	1			containers for 60 usc blades		18		4 7			
Delete	heart shaped perfumed S.T. 37 (837 MSD) all size		47	0	11	4	6	11		razor sets "Pilot"	No. 1	12		3 1	_	6	
Delete	S.T. 37 (837 MSD) all size	es								"Pilot"	No. 1	12	6	3 1		6	



dex PASTILETS
THE MODERN COUGH TREATMENT

MEGGESON DYSPEPSIA TABLETS

THE BRAND LEADERS IN THEIR FIELDS

Delete

lanolin hand eream men's eream shampoo saehet

6

10

"Service" No. 2	16	6	4	$1\frac{1}{2}$	4	6	
"Rugby" No. 3	37	6	9	43	7	ě	
"Devon" No. 4	67	6	16	10%	12	6	
"Rugby de-luxe" No. 5	67	6	16	10%	12	6	
"Devon de-luxe" No. 6	9	0ea	2	3ea	17	6	
"Travellers de-luxe" No. 7	10	6ea	3	0ea	22	6	
"Zip" No. 8	12	6ea	3	0ea	25	0	
dressing ease No. 9	18	6ea	- 5	0ea	35	0	
No. 1	0 18	6ea	5	0ea	35	0	
Wata (980 Photopia)							
optical viewfinder W39	20	10ea	5	0ea	36	3	
Watameter (980 Photopia)							
11 rangefinder W2	39	10ea	9	9ea	69	6	
super W3	64	0ea	10	6ea	74	6	
Weet Meet (1175 SPL)							
No. 1	10	2			1	1	
No. 2	10	2			1	1	
Wellcome (208 BW)							
ergometrine maleate 0.5 mgm in 1ce 10	co.	0			-		
0.5 mgm in 1ce 10	$\frac{62}{464}$	0			7		s1
Whip (933 PLG)	404	0		• •	58	0	s1
after shave lotion	6	10ea	3	5ea	14	3	
arter shave forton	18	0ea	9	0ea	39	8	
Wopsey (107 BH&L)	10	Oca	9	Oca	33	0	
wasp killer	.16	0			2	3	
Wright-Fleming (1393 BRL)	10	0			-	3	
antigens							
diphtheria-pertussis							
prophylactie 3 × 1 mil	4	3ca					
5 mils	7	6ea					
diphtheria-tetanus							
prophylaetic ½ mil	1	10‡ea					
$3 \times \frac{1}{2}$ mil	3	4∮ea					
5 mils	7	$10\frac{1}{2}ea$					
pertussis ½ mil	1	10 ea					
3 × ½ mil	4	3ea					
5 mils	7	6ea					
tetanus toxoid $2 \times \frac{1}{2}$ mil	3	9ea					
5 mils	7	1½ea					
Wright's (1351 WLU)		0					
lysol BP 4 oz	9	9		* *	1	4])2
8 oz							

AMENDMENTS TO KEY TO SUPPLIERS:

(158 B&B)=BRADDOCK & BAC	зsн	AW, LTI	0., 340	Maneheste	r Street:
Oldham, Lanes. Main 4905. (193 Brobat)=BROBAT, LTD.,					ŕ
Liberty 8131.			•	,	

(304 Costa) = G. COSTA & CO., LTD., Staffordshire Street, London, S.E.15.

(304 Costa) = G. COSTA & CO., ELD., Stationard Costs, School New Cross 3456.
(514 Gillette) = GILLETTE SAFETY RAZOR CO. (DIVISION OF GILLETTE INDUSTRIES LTD.), Great West Road, Isleworth, Middlesex. Isleworth 1234.
(565 Hanimex) = HANIMEX (U.K.), LTD., 42 Lower Marsh, London, S. E. 1

(839 MGS)=MILLER GWYNNE SALES, LTD., 112a Junetion Road, London, N.19. Archway 0199.

(931 PDC)=PAND DISTRIBUTORS CO., LTD., P.O. Box No. 1., Oxted, Surrey.

Surrey.
(943 Pathescope) = PATHESCOPE (LONDON), LTD., 38 Brooke Street, London, E.C.1. Holborn 0461.
(1157 Stephens) = HENRY C. STEPHENS, LTD., Gillespie Road, London, N.5. Canonbury 4455.

N.5. Canonbury 4455. (1274 VDL)="V" DEVELOPMENT LTD., 22 Clifton Road, London, W.9. Cunningham 0701.

THIS WEEK'S CHANGES

NEW and altered entries notified for the first time. A = Advanced, R = Reduced.

Entries new this week are marked thus: --

R	Adetate (837 MSD)	16 oz	9	0ea		ts4E
	Alasil (1303 Wander)					•
Delete	juvenile all sizes					
	Alocol (1303 Wander)					
Delete	tablets 500 & 1000					
	Aminacyl (1303 Wande	·r)				
Delete	sodium PAS powder	100 gm &	250	qm		
Delete	eachets 1.5 g	m = 250				
Delete	tablets 0.4 g	m all sizes				
		n 100, 250				
	0.75	gm 100, 25	50 & :	1000		
Delete	ealeinm PAS powder	r 100 gm, :	250 gr	n & 10	00 gm	
Delete	eachets 1.5		_		0	
Delete	tablets 0.5	gm 100, 25	0 & 1	1000		
	0.75	gm 250 &	1000)		
Delete	Amyl nitrite (787 Macf	farlan) all s	sizes			
	Andre Philippe (48 AP))				
Delete	brilliantine spray	A7				
Delete	complexion milk	13				
Delete	dimple Scotch heath					
Delete	Devon violet	7				

Delete Delete Delete	perfume story book shampoo 4 oz. suntan spray Arrowtabs (62A)		X1 22 A9	J	*		10			
작 작 작	Arrowbrush lipstiek Arrowmaster anti-st- Arrowgard sleeves of Arrowmounts	nlv -	24				• •	8 5		
	Aspro (894 Nieholas)		250	 45	2		31	1 2 1	6	
A	Bathjoys (1037 Reckitt bath cubes			$\frac{26}{2}$	9 6½	6 1	81	3	5 5	
$egin{array}{c} Delete \ A \end{array}$	Bronehipax (894 Nicho Cafdis (1037 Reekitt)	las)	$\frac{72}{20}$	13	4			_ 1	9	
•	pasteurella vaccine (v	vet)	50 ee	10	6ea			15	9	
	deodorant spray refill hair nets hair lacquer spray			18 15	0	9 7		3 2	6	
Corr. Corr.	hair nets hair lacquer spray	• •	doz	23 14	6	11	9 0		11	
1	Hi-Shine aerosol Codis (1037 Reckitt)	• •	8	39 10	0 10 0	19	$\frac{6}{7\frac{1}{2}}$	2 6 1		t
Corr.	Dapsodine (358 D&S)			21 231			$1\frac{1}{2}$	2 27	9	† † †s4B
Corr.	iutramammary tubes syringes Denclen (994 P&M)	6	$\frac{12}{650}$	280		4	7	35 2	0	
Detete A	Deriphyllin (2214Camd Disprin (1037 Reckitt)	en) :	an size 8 26	s 5 14	6	$\frac{1}{3}$	4	2	9	
	foil		28	$\frac{14}{24}$	6 5 5 0 6	3 5	$\frac{6}{10}$	2	0	
Corr.	junior		16 100	5 18						†s4B
Delete	Eubusell (221 Camaci	ı) al	500 l sizes	79	4½ea 10½ea			106		†s4B
•	Fields (462 Field) French flowers dusting powder			52	4	26	2	8	9	
	Cologne perfume			$\frac{36}{24}$	0	$\frac{18}{12}$	0	6	0	
•	French pink dusting powder French moss			52	4	26	2	8	9	
	dusting powder Cologne perfume lavender water			52 36	4 0	26 18	0	8 6	9	
R	Entre sent (413 Lilly)			$\frac{24}{30}$	0	$\frac{12}{15}$	0	5	0	
	tablets 5 mgm	1	100 000	$\begin{array}{c} 28 \\ 180 \end{array}$	$\begin{array}{c} 0 & \dots \\ 0 & \dots \end{array}$		• •	3 22	6 6	
$rac{A}{A}$	Gevapan (508 Gevaert) roll films No. 30 & 33 No. 27, 30 & 33	3 :	$\frac{127}{120}$	22 22	0	6 6	0	3	3	
$\frac{A}{Delete}$			620	22	0	6	0	3	3	
A R	No. 36 35 mm film daylight refill 36 exp. continuous length 5 1	• • •	120	24 36	6	9	0	3 5	6	
$\stackrel{ullet}{A}$	17 metres	netr 	es	75 19	6 1ea	$\frac{19}{4}$	0 9ea	10	7	
A	Glacier (1106 S) eream lip salve Glo (876 MP)			$\frac{17}{15}$	0	$\frac{4}{7}$	3	2 2	6	
Delete	Hydrocortistab (147 Boo soluble vial 100 mgm Indorm (1352 Wyeth)	ots)								
_	eapsules	1	10 100	$\frac{35}{21}$	3 Sea	8 5	10 5ea	4 34		†s4B †s4B
R	I.N.H. (413 Lilly) tablets 100 mgm		.00	3 23	2ea 6ea			4 35		TS TS
•	5000 bulk per Interlude (Grecaux (792	100 Mal	0 lynn))	22	6ea			33	9	TŠ
	perfume Justso (1160 Solport) wi Kamillocreme (221 Cam	rist s	straps	$\frac{44}{30}$	0	22	0	7 3	6 9	
-	Kent (693 Kent)		oz	15	0ea	3	9ea	26	3	
	nail brushes wooden back 2	хну	V1 N9	12	11ea 5ea	3	2ea 10ea	22 5 1	6	
	" Long Grip "	NP NP	D6	8	9ea 4ea	2	Sea Oca	4	9	
	shaving brushes 100% badger white		dle V4	36	2ea	8	9ca	63	0	
		,	V5 V6	$\frac{45}{51}$	J1ea 8ea	$\begin{array}{c} 11 \\ 12 \end{array}$	1½ca 6ea	80 90	0	
			V7	66	0ea	16	0ea 1	15	0	

N-acetyl-p-aminophenol 0.5G.

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Excellent analgesic and antipyretic which contains no aspirin, phenacetin or codeine. Outstandingly safe, effective and free from side effects, Panadol has been given to patients suffering from acute peptic ulcer without causing gastric irritation.

AND

Juli	2 , ,						
	370		0	10	0.00	125	•
	V8	77	6ea	18	9ea		0
	V10	96	5ea	25 35	4½ea 1ea		Ŏ
	black handle C23	$\begin{array}{c} 144 \\ 27 \end{array}$	7ea 3ea	6	74ea		6
	black handle C23 C24	$\frac{27}{34}$	5ea	8	4ea		ŏ
	C25	40	2ca	9	9ea		ŏ
	C26	48	3ea	11	Sea.		ŏ
	C27	54	6ea	13	3ea		Ö
	50/50 badger and bristle	0.1	0.00		3		
	C19	16	4ca	4	0ea	28	6
	C21	20	1ea	4	11ea	35	0
	"Thistle" 100% badger						
	KS1	54	6ca	13	3ea	95	0
	90% badger and 10%				_		_
	bristle KS2	40	2ea	9	9ea		0
	"Traval" KS27	14	4ca	3	6ea		0
	KS28	27	3ea	6	7½e.	a 41	6
	Lifeguard (894 Nicholas)	9	3			1	0
Ą			$\frac{3}{11} \dots$			i	3
Ą	2 1		11			i	3
A	Li-lo (308 Cow)	99	11			•	•
A		46	0			5	9
4.	18 × 13 in 336	65	6			8	3
	$18 \times 14 \text{ in } 383$	76	$0 \dots$			9	6
	$20 \times 16 \text{ in } 384$	79	$0 \dots$				11
.4		56	0			7	0
	19×14 in 382	76	$0 \dots$			9	6
~ 1.	hot water bottles						
Delete		48	6				
R		52					
A	and the same artists	12	$\begin{bmatrix} 0 \\ 0 \end{bmatrix}$	6	· .	2	0
Δ	Mel Rose (1069 Roberts & Shep		٠.	V	v	_	•
	tablet	3	10		11		6
ě		6	5	1	7	- 1	0
Delete	all old sizes						
Delete	Metuvit (221 Camden) all produ	ıcts					
	Miners (876 MP)			_			
A		15	0	7	6	2	6
•	Nobepyrol (436 Evans)	6	6ea	1	71.0	a 11	41
	spray pack 45 gm remover cream 50 gm	4	0ea	1	136	a 1 1	0
	Nohaesa (221 Camden)	4	oca			٠	·
Corr.	ointment 16 oz	140	0	35	0	20	5 †s1
0011.	Nulon (1037 Reckitt)	0		50			- ,51
À	hand cream C		10	5	$3\frac{1}{2}$	1	8
Delet	e Opoidine (787 Macfarlan) all pr	eparat	ions				
•	Ornivité (718 LAB)						
	vitamin bird seed					2	6
	Outdoor Girl (876 MP)		0				
À		$\frac{9}{7}$	0	$\frac{4}{3}$		1	6 3
£	eyebrow pencil	7	6	3	9	1	3

A	lipstick		7	6	3	9	1	3
\hat{A}			10	6	5	3	1	9
- î	rouge dry		9	0	4	6	1	6
- 1	rouge dry vanishing cream		9	ŏ	4	6	1	6
A	Philishave (977 PE)	• •	U	0	•	0	-	-
			7.4	6ea	18	209	117	6
0.74	Pholodine (787 Macfa				10	20.00		٠
Detete		rian) muci	us an	SIACS				
	Portia (1160 Solport)		4	0	2	0		8
Corr.	pumice stone		4	U	2	U		0
R	Primaquine (649 ICI)	20	0.0					
	tablets	30	32	$\hat{0}$			4	0
		1000	640	$0 \dots$			80	0
	Richardson's (1412 Jac						_	_
	Swect Sue's sachets		15	0	7	4	2	6
	tale pad		29	6	14	5	4	11
	Silket (116 Benton)							
_	facials		15	0	7	6	2	6
	tan		33	0	16	6	5	6
R	Siopel (649 ICI)							
10	cream	50 gm	32	0			4	0
	CICKIII	500 gm	200	ŏ			25	0
		5 lb	56	0ea			84	Õ
	Sorexa (1162 Sorex)	0 10	90	ocu				-
•	warfarin bait	4 oz	10	0			1	3
	wananii ban	28 lb	32	0ea			48	ŏ
	Course Magis (078 MD)		16	6	8	3	2	9
A	Spray Magic (876 MP)		10	O	0	J	_	3
	Stemcol (427 Esso)	0	10	0		c		
	cough emulsion	6 oz		0	9	6	2	8
		12 oz	29	0	9	3	4	3
Corr.	Stephens (1157 Stephe	ns)						
	Steradent (1037 Reckit					0.7	_	_
A	'B' size		11	6		$9\frac{1}{2}$	1	6
A	'A'size		19	11	4	$10\frac{1}{2}$	2	8
Delete	Stryphnon (221 Camde	en) all pro	ducts					
A	Sucrets (837 MSD)	24	17	0	4	3	2	6
	Tonergetic (221 Camd							
A	Vitapointe (484 Fulfor	d)	15	0	7	6	2	6
		•	21	0	10	6	3	6
	Wellcome (208 BW)							
	pasteurella antiseru	m (vet)						
	process of the second	100 cc	40	0			60	0
Delete	tetanus toxoid (vet)		10					-
Delete								
1)61616	tone anom	102						

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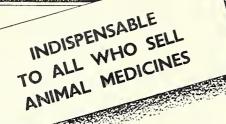
(128 Biometica)=BIOMETICA, LTD., Barnet By Pass, Boreham Wood, Herts. Elstree 1721.
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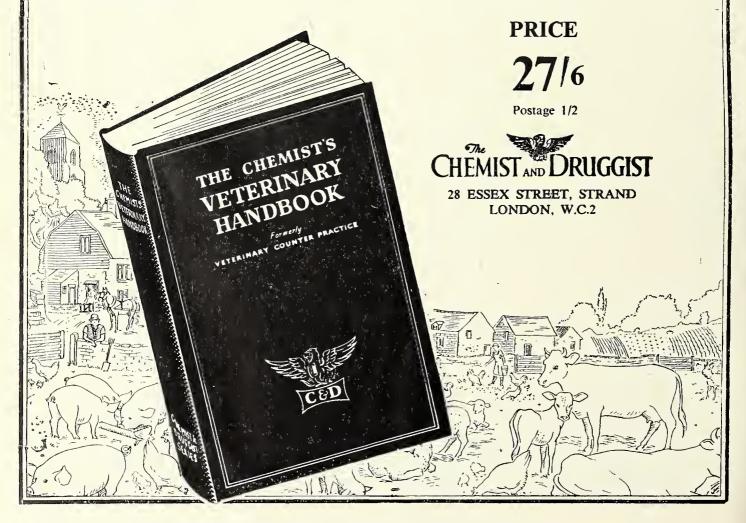
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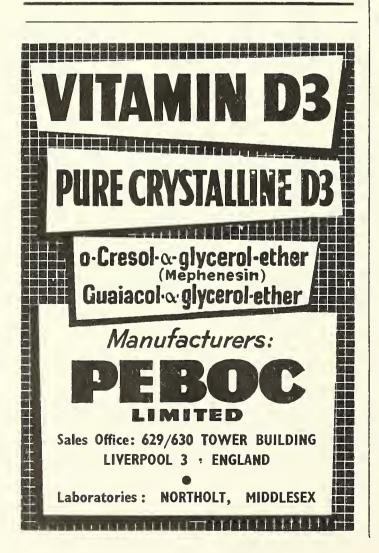
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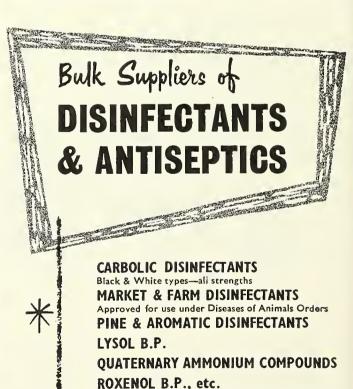




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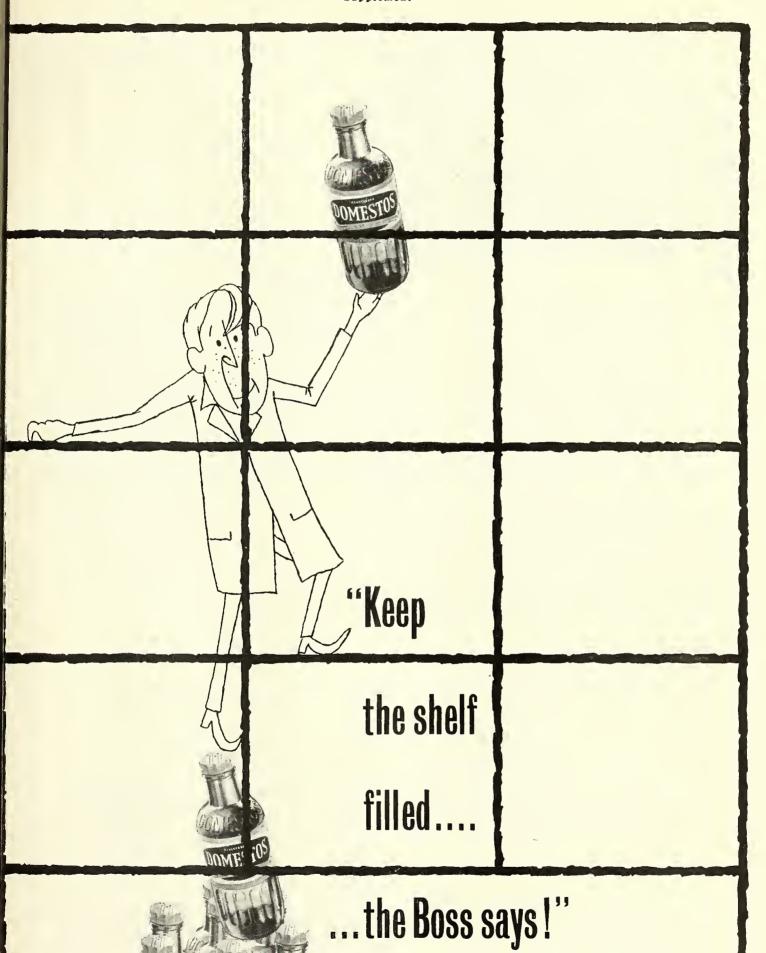
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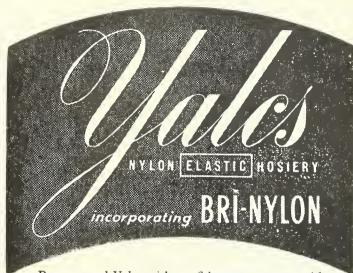
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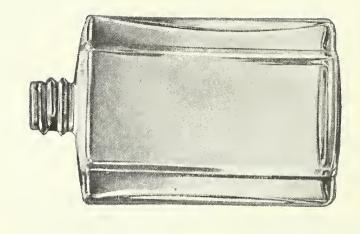
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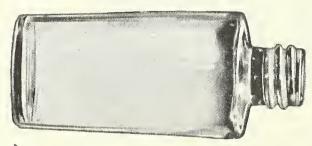
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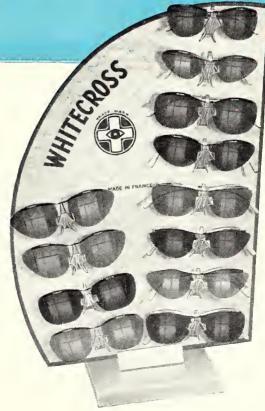
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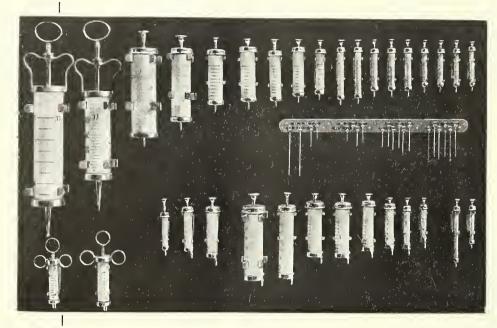
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Applications are invited for the above post at this hospital. Salary and conditions of service in accordance with Whitley Council scales. Applications, stating age, experience and names of two referees, should be sent to the General Superintendent (Dept. C) as soon as possible.

C 6608

BURTON-ON-TRENT HOSPITAL MANAGEMENT COMMITTEE,

MANAGEMENT COMMITTEE,
THE GENERAL HOSPITAL,
BURTON-ON-TRENT
Senior Pharmacist or Pharmacist
Applications are invited for the post of Senior
Pharmacist at this acute General
Hospital, which provides a Group Pharmaceutical Service, Newly qualified persons may
apply. Single flatlets available. Salary in accordance with Whitley Council Scales,
Applications, stating age, qualifications and experience and the names and addresses of two
referees, to: S. D. EVANS, Group Sccretary.
C 6626

ANCOATS HOSPITAL, MANCHESTER, 4

Locum Pharmacist
required from July 10th. Salary £18 18s. per

Applications to General Superintendent (Dept. C.D.), C 6621

BLACK NOTLEY HOSPITAL, **BRAINTREE, ESSEX**

Assistant-in-Dispensing
required, Permanent and pensionable appointment.
Salary and conditions according to Whitley Council Scales, Previous Hospital experience. Certificate of the Society of Apothecaries, R.A.M.C., R.A.F., or equivalent qualifications taken into account for commencing salary.

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Senior Pharmacust
for Bethnal Green Hospital. Modern
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MANAGEMENT CONTINUE TO CONTINU pital, London, E.8.

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HAMMERSMITH, W.6
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required. Whitley Council salary scale and
conditions, Hospital is within five minutes walk of Hammersmith Station, Applications to Sec-C 6629

BRISTOL-SOUTHMEAD

GENERAL HOSPITAL GROUP
MANAGEMENT COMMITTEE
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Applications are invited from suitably qualifiedpersons (higher qualification required) for the
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Southmead Hospital.
Salary scale £895—£1,200 per annum plushigher qualification allowance (Whitley Council
conditions).

higher qualification allowance (wmucy conditions).

The Chief Pharmacist at Southmead Hospitalis responsible for the Syringe Service at that hospital, and also for the pharmaceutical services for other hospitals and clinics in the Group. Southmead Hospital is the Obstetric School of the University of Bristol and is associated with the University Department of Child Health and Paediatrics.

Applications on forms to be obtained from the undersigned must be submitted not later than the 30th June, 1961.

the 30th June, 1961.

C. C. HANCOCK Group Secretary,

Southmead Hospital, Bristol.

C 3720°

CITY GENERAL HOSPITAL, SHEFFIELD, 5

SHEFFIELD, 5
(Category V Hospital)
Senior Pharmacist and Pharmacist
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These posts offer a wide variety of experience in Hospital Pharmacy. The Department deals with the pharmaceutical needs of 680 general beds and 1,000 chronic beds.
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CITY GENERAL HOSPITAL,
SHEFFIELD, 5
(Category V Hospital)
Locum Pharmacist
equired. Salary £18 18s. per week. Accompodation may be made available for a female pplicant for which an appropriate charge will e made. e made.

e made. Details and names of two referees to the Hospital Secretary. C 6614

CONNAUGHT HOSPITAL,
WALTHAMSTOW, E.17
Assistant-in-Dispensing
equired for Group Pharmacy at the above hosital, with occasional relief duties at other
Hospitals. Hospital experience or Hall Certicate an advantage. Whitley Council terms
and conditions. Forms of application may be
betained from Secretary, Forest Group H.M.C.,
angthorne Road, E.11. C 6616

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Locum Tenens Pharmacist-in-Charge Category II) required from 21st August to 9th September, 1961, Salary £22 1s, per week. Apply: The Physician Superintendent, C 6625

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HIGH STREET, S.E.13
Locum Pharmacist
required at once. Salary £18 18s. a week. Apply
to Chief Pharmacist. C 6613

LONDON JEWISH HOSPITAL,

STEPNEY GREEN, E.1

Locum Pharmacist
required at the above hospital immediately.
Salary £18 18s. per week. Applications in writing to be sent to the Chief Pharmacist. C 6584

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C 6640

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WOKINGHAM, BERKS
(Category II)
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per week. Residential accommodation may be
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C 6619

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£920 per annum

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Part-time Pharmacist
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C 3704

C 3706

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C 3728

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